Black Homeschoolers of Central Florida, Inc. Annual Membership of $200 per family gives students Pre-K thru 12th grade and their parents access to our many programs, classes, field trips, and events during the school year. Please see below a listing of all of our programs and the classes, field trips, events, and workshops that we offer our BHCFL members.

Listing of Black Homeschoolers of Central Florida, Inc. Programs and Class Descriptions for 2024-25 School Year

BHCFL Locations:
Location #1: Undisclosed except to members

Location #2:
BHCFL Homeschool Resource Center
1609 S. SR-15A, Suite 7
DeLand, Florida 32720-1609

Program #1: COMMUNITY GARDEN & FOOD COOPERATIVE

Class Title: Green Thumbs: BHCFL Youth Gardening and Agriculture Class

Age Group: Pre-K thru 12th grade

Class Overview: Green Thumbs:BHCFL Youth Gardening and Agriculture Class is an interactive and educational program designed to introduce young students to the fundamentals of gardening, agriculture, and self-sustainability while integrating core academic subjects. This class combines hands-on gardening activities with lessons in environmental science, mathematics, and sustainability practices. Through planting, growing, and harvesting, students will develop practical gardening skills, understand agricultural concepts, and apply their knowledge to broader academic disciplines.

Objectives:

- **Gardening Skills Development:** Teach fundamental gardening techniques, including planting, soil management, pest control, and harvesting.
- **Agricultural Science Integration:** Explore agricultural concepts related to plant biology, soil health, and sustainable farming practices.
- **Mathematical Application:** Apply mathematical concepts such as measurements, ratios, and data recording to gardening tasks, including planning garden layouts and tracking plant growth.
- **Environmental Science:** Develop an understanding of environmental science and self-sustainability through lessons on ecosystems, water cycles, and resource conservation.
- **Critical Thinking and Problem-Solving:** Enhance problem-solving skills through gardening challenges, plant care scenarios, and sustainable practices.

Class Structure:

- **Introduction:** We begin each session with an overview of the day's activities, using visual aids and discussions to set the pace. We have an activity related to gardening and sustainability.
- **Gardening Instruction:** Teach and practice gardening techniques, including planting seeds, caring for plants, and managing garden beds. Provide hands-on experience and guidance in the garden.
- **Scientific and Mathematical Integration:** Engage in interactive lessons that connect gardening to science and math. Activities might include understanding plant growth cycles, measuring soil pH, and calculating garden space requirements.
- **Environmental Science and Sustainability:** Discuss environmental science concepts and sustainable practices, such as composting, water conservation, and reducing waste. Explore how these practices contribute to self-sustainability.
- **Reflection and Harvesting:** Conclude with a reflection on what was learned, encouraging students to share their observations and experiences. Participate in harvesting and enjoying the fruits of their labor.

Class Title: **Composting Champions: BHCFL Youth Composting Class**

Age Group: Pre-K thru 12th grade

Class Overview: Composting Champions: BHCFL Youth Composting Class is an engaging and educational program designed to introduce young students to the principles and practices of composting while integrating core academic subjects. This class combines hands-on composting activities with lessons in science, mathematics, and environmental studies. Through interactive composting projects, scientific experiments, and educational discussions, students will learn the fundamentals of composting, understand its environmental benefits, and apply their knowledge to broader academic concepts.

Objectives:

- **Composting Skills Development:** Teaching students the fundamentals of composting, including setting up a compost system, managing compost materials, and understanding the decomposition process.
- **Scientific Exploration:** Explore scientific concepts related to composting, such as biological decomposition, soil science, and the role of microorganisms. Students will conduct experiments to understand the composting process.
- **Mathematical Application:** Apply mathematical concepts such as measurements, ratios, and data tracking to composting activities, including calculating compost ratios, measuring decomposition rates, and tracking waste reduction.
- **Environmental Awareness:** Develops an understanding of environmental science and sustainability through lessons on waste reduction, soil health, and resource conservation. We also explore how composting contributes to environmental protection.
- **Critical Thinking and Problem-Solving:** Enhances problem-solving skills through composting challenges, troubleshooting issues, and optimizing composting systems.

Class Structure:

- **Introduction:** We begin each session with an overview of the day's topic and objectives. Use visual aids and discussions to introduce composting concepts and set the context.
- **Composting Instruction:** Teach and practice composting techniques, including setting up compost bins, adding materials, and managing compost systems. Provide hands-on experience and guidance.
- **Scientific and Mathematical Integration:** Engage in interactive lessons that connect composting to science and math. Activities might include experimenting with decomposition, calculating compost ratios, and analyzing data on waste reduction.
- **Environmental Science and Sustainability:** Discuss environmental science concepts and the benefits of composting. Explore topics such as soil health, waste management, and resource conservation.
- **Reflection and Review:** Conclude with a reflection on what was learned, encouraging students to share their observations and experiences. Review key concepts and discuss the impact of their composting efforts.

Program #2: BHCFL OUTDOOR RECREATIONAL PROGRAM

Class Title: **Cast & Learn: BHCFL Youth Fishing Class**

Age Group: K-12th grade

Course Overview: Cast & Learn is an engaging and educational program designed to introduce children and youth to the art of fishing while integrating core academic subjects. This class combines practical fishing skills with lessons in science, mathematics, environmental studies, and problem-solving. Through hands-on fishing activities, creative projects, and educational discussions, children will develop fishing techniques, learn about aquatic ecosystems, and connect their experiences to broader academic concepts.

Objectives:

- **Fishing Skills Development:** Teach the basics of fishing, including casting techniques, bait selection, and fish identification.
- **Scientific Exploration:** Explore aquatic ecosystems, fish biology, and environmental conservation through hands-on activities and observations.

- **Mathematical Application:** Apply mathematical concepts such as measurements, calculations, and data analysis to fishing activities.
- **Environmental Awareness:** Develop an understanding of environmental stewardship and the impact of human activities on aquatic habitats.
- **Critical Thinking:** Enhance problem-solving skills through discussions on fishing techniques, equipment choices, and environmental challenges.

Class Structure:

- **Introduction:** Begin each session with an overview of the day's topic, using visual aids and discussions to set the context. Start with a warm-up activity related to fishing and aquatic life.
- **Fishing Instruction:** Teach and practice fishing techniques, including casting, baiting, and fish handling. Provide individualized feedback and guidance.
- **Scientific and Mathematical Integration:** Engage in interactive lessons that connect fishing to science and math. Activities might include studying fish anatomy, measuring catches, and analyzing data on fish populations.
- **Environmental Studies and Problem-Solving:** Discuss the importance of environmental conservation and explore ways to protect aquatic ecosystems. Incorporate problem-solving activities related to fishing and conservation.
- **Reflection and Sharing:** Conclude with a reflection on what was learned, encouraging students to share their insights, favorite parts of the lesson, and observations from their fishing experiences.

Class Title: **Explore & Learn: BHCFL Outdoor Camping Class**

Age Group: Pre-K thru 12th grade

Class Overview: Explore & Learn: BHCFL Outdoor Camping Class is an exciting and educational program designed to immerse children and youth in the outdoor camping experience while integrating core academic subjects. This class combines practical camping skills with lessons in science, environmental studies, geography, and problem-solving. Through hands-on activities, outdoor adventures, and educational discussions, children will develop camping techniques, understand natural environments, and connect their experiences to broader academic concepts.

Objectives:

- **Camping Skills Development:** Teach the basics of camping, including setting up tents, cooking outdoors, and outdoor safety.
- **Scientific Exploration:** Explore natural ecosystems, wildlife, and environmental conservation through hands-on activities and observations.

- **Geographical Awareness:** Develop an understanding of geography and map-reading skills, including navigation and terrain features.
- **Mathematical Application:** Apply mathematical concepts such as measurements, calculations, and data analysis to camping activities.
- **Critical Thinking and Problem-Solving:** Enhance problem-solving skills through outdoor challenges and decision-making activities.

Class Structure:

- **Introduction:** Begin each session with an overview of the day's activities, using visual aids and discussions to set the context. Start with a warm-up activity related to camping and outdoor skills.
- **Camping Instruction:** We teach and practice camping techniques, including setting up tents, outdoor cooking, and safety procedures. Provide individualized feedback and guidance.
- **Scientific and Geographical Integration:** Engage in interactive lessons that connect camping to science and geography. Activities might include studying local flora and fauna, using maps and compasses, and understanding environmental conservation.
- **Mathematical and Problem-Solving Activities:** Incorporate activities that involve measurements, calculations, and outdoor problem-solving challenges. Encourage critical thinking through real-life scenarios and tasks.
- **Reflection and Sharing:** Conclude with a reflection on what was learned, encouraging students to share their insights, favorite parts of the lesson, and observations from their camping experiences.

Class Title: **Aim & Achieve: BHCFL Archery Class**

Age Group: 7th-12th grade

Class Overview: Aim & Achieve:BHCFL Archery Class is a dynamic BHCFL educational program designed to introduce children and youth to the sport of archery while integrating core academic subjects. This class combines practical archery skills with lessons in mathematics, physics, and critical thinking. Through hands-on practice, interactive experiments, and educational discussions, children will develop archery techniques, understand the principles of physics, and connect their experiences to broader academic concepts.

Objectives:

- **Archery Skills Development:** We teach the basics of archery, including safe equipment handling, proper shooting techniques, and target practice.
- **Mathematical Application:** Apply mathematical concepts such as measurements, angles, and distance calculations to archery activities.

- **Physics Exploration:** Understand the principles of physics involved in archery, including force, trajectory, and aerodynamics.
- **Critical Thinking and Problem-Solving:** Enhance problem-solving skills through analysis of archery techniques, adjustments, and performance improvement.
- **Interdisciplinary Learning:** Connect archery to core academic subjects such as mathematics (geometry and measurements), physics (force and motion), and critical thinking.

Class Structure:

- **Introduction and Warm-Up:** We begin each session with an overview of the day's topic, using visual aids and discussions to set the context. Start with a warm-up activity related to archery and physical coordination.
- **Archery Instruction:** Teach and practice archery techniques, including stance, aiming, and shooting. Provide individualized feedback and guidance.
- **Mathematical and Physics Integration:** Engage in interactive lessons that connect archery to math and physics. Activities might include calculating angles, measuring distances, and understanding the forces at play in shooting an arrow.
- **Critical Thinking and Problem-Solving Activities:** Incorporate activities that involve analyzing shooting techniques, making adjustments, and solving performance challenges. Encourage students to apply their knowledge to improve their skills.
- **Reflection and Sharing:** Conclude with a reflection on what was learned, encouraging students to share their insights, favorite parts of the lesson, and observations from their archery experiences.

Class Title: **Tracks & Trails: Scat Identification Class**

Age Group: Pre-K thru 12th grade

Class Overview: Tracks & Trails: Scat Identification Class is an interactive and educational BHCFL program designed to introduce children and youth to the art of scat identification while integrating core academic subjects. This class combines hands-on fieldwork with lessons in biology, environmental science, and critical thinking. Through practical identification activities, creative projects, and educational discussions, children and youth will develop skills in recognizing animal scat, understanding wildlife behaviors, and connecting their observations to broader academic concepts.

Objectives:

- **Scat Identification Skills:** Teach the basics of scat identification, including recognizing different types of animal scat and understanding what they reveal about wildlife.
- **Biological and Environmental Science:** Explore animal biology, ecology, and environmental science through the study of scat and its role in ecosystems.
- **Mathematical Application:** Apply mathematical concepts such as measurements and data recording to scat identification and tracking activities.

- **Critical Thinking and Problem-Solving:** Enhance problem-solving skills through analysis of scat patterns, animal behaviors, and environmental conditions.
- **Interdisciplinary Learning:** Connect scat identification to core academic subjects such as biology (animal anatomy and behavior), environmental science (ecosystem dynamics), and math (data recording and analysis).

Class Structure:

- **Introduction and Warm-Up:** Begin each session with an overview of the day's topic, using visual aids and discussions to set the context. Start with a warm-up activity related to animal tracking and scat identification.
- **Scat Identification Instruction:** Teach and practice scat identification techniques, including recognizing different types of scat, understanding the information it provides, and using field guides.
- **Biological and Environmental Integration:** Engage in interactive lessons that connect scat identification to biology and environmental science. Activities might include studying animal diets, habitats, and the role of scat in ecosystems.
- **Mathematical and Critical Thinking Activities:** Incorporate activities that involve measuring scat samples, recording data, and analyzing patterns. Encourages critical thinking through discussions on animal behaviors and environmental conditions.
- **Reflection and Sharing:** Conclude with a reflection on what was learned, encouraging students to share their insights, favorite parts of the lesson, and observations from their fieldwork.

Class Title: **Scales & Slither: Snake Identification Class**

Age Group: Pre-K thru 12th grade

Class Overview: Scales & Slither: Snake Identification Class is an engaging and educational BHCFL program designed to introduce children and youth to the art of snake identification while integrating core academic subjects. This class combines hands-on fieldwork with lessons in biology, environmental science, and critical thinking. Through interactive activities, creative projects, and educational discussions, children will develop skills in recognizing different snake species, understanding their behaviors, and connecting their observations to broader academic concepts.

Objectives:

- **Snake Identification Skills:** Teach the basics of snake identification, including recognizing different species, understanding physical characteristics, and learning about their habitats and behaviors.
- **Biological and Environmental Science:** Explore snake biology, ecology, and environmental science through the study of snake species and their roles in ecosystems.
- **Mathematical Application:** Apply mathematical concepts such as measurements and data recording to snake identification and tracking activities.

- **Critical Thinking and Problem-Solving:** Enhance problem-solving skills through analysis of snake patterns, behaviors, and conservation issues.
- **Interdisciplinary Learning:** Connect snake identification to core academic subjects such as biology (anatomy and behavior), environmental science (ecosystem dynamics), and math (data analysis and measurements).

Class Structure:

- **Introduction and Warm-Up:** We begin each session with an overview of the day's topic, using visual aids and discussions to set the context. Start with a warm-up activity related to snake identification and snake safety.
- **Snake Identification Instruction:** Teach and practice snake identification techniques, including recognizing different species, understanding their physical traits, and learning about their natural behaviors.
- **Biological and Environmental Integration:** Engage in interactive lessons that connect snake identification to biology and environmental science. Activities might include studying snake habitats, diet, and their role in the ecosystem.
- **Mathematical and Critical Thinking Activities:** Incorporate activities that involve measuring snakes, recording data, and analyzing patterns. Encourage critical thinking through discussions on snake conservation and ecological impact.
- **Reflection and Sharing:** Conclude with a reflection on what was learned, encouraging students to share their insights, favorite parts of the lesson, and observations from their fieldwork.

Class Title: **Paddle & Learn: Kayaking and Canoeing Class**

Age Group: Ages 9-up

Class Overview: Paddle & Learn: Kayaking and Canoeing Class is an exhilarating BHCFL educational program designed to introduce children and youth to kayaking and canoeing while integrating core academic subjects. This class combines practical paddling skills with lessons in physical science, environmental studies, and mathematics. Through hands-on activities, water safety training, and educational discussions, children will develop kayaking and canoeing techniques, understand aquatic environments, and connect their experiences to broader academic concepts.

Objectives:

- **Paddling Skills Development:** Teach the basics of kayaking and canoeing, including paddling techniques, safety protocols, and water navigation.
- **Scientific Exploration:** Explore principles of physical science related to water dynamics, buoyancy, and force through practical activities on the water.
- **Mathematical Application:** Apply mathematical concepts such as measurements, calculations, and data analysis to kayaking and canoeing activities.

- **Environmental Awareness:** Develop an understanding of aquatic ecosystems and environmental conservation through lessons on water quality, wildlife, and habitat protection.
- **Critical Thinking and Problem-Solving:** Enhance problem-solving skills through challenges related to water navigation, equipment handling, and environmental issues.

Class Structure:

- **Introduction and Warm-Up:** Begin each session with an overview of the day's activities, using visual aids and discussions to set the context. Start with a warm-up activity related to water safety and paddling techniques.
- **Kayaking and Canoeing Instruction:** Teach and practice kayaking and canoeing skills, including proper paddling techniques, maneuvering, and safety procedures. Provide individualized feedback and guidance.
- **Scientific and Mathematical Integration:** Engage in interactive lessons that connect paddling to science and math. Activities might include studying water dynamics, measuring speed and distance, and understanding buoyancy principles.
- **Environmental Studies and Awareness:** Discuss the importance of environmental conservation and explore ways to protect aquatic habitats. Incorporate activities related to water quality and wildlife observation.
- **Reflection and Sharing:** Conclude with a reflection on what was learned, encouraging students to share their insights, favorite parts of the lesson, and observations from their paddling experiences.

Class Title: **Survival & Science: BHCFL Survival Skills Class**

Age Group: 6 years old-up

Class Overview: Survival & Science:BHCFL Survival Skills Class is an engaging BHCFL educational program designed to teach children and youth essential survival skills while integrating core academic subjects. This class combines practical survival techniques with lessons in science, mathematics, and critical thinking. Through hands-on activities, outdoor exercises, and educational discussions, children will learn survival skills, understand natural environments, and connect their experiences to broader academic concepts.

Objectives:

- **Survival Skills Development:** Teach fundamental survival skills, including shelter building, fire starting, water purification, and navigation.
- **Scientific Exploration:** Explore scientific principles related to survival, such as physics (fire dynamics), biology (plant identification), and environmental science (ecosystem interactions).
- **Mathematical Application:** Apply mathematical concepts such as measurements, calculations, and data recording to survival activities and problem-solving scenarios.

- **Critical Thinking and Problem-Solving:** Enhance problem-solving skills through real-life survival challenges, decision-making exercises, and scenario-based activities.
- **Interdisciplinary Learning:** Connecting survival skills to core academic subjects such as science (natural phenomena), math (measurement and estimation), and critical thinking (strategic planning and analysis).

Class Structure:

- **Introduction and Warm-Up:** Begin each session with an overview of the day's topic, using visual aids and discussions to set the context. Start with a warm-up activity related to survival skills and outdoor safety.
- **Survival Skills Instruction:** Teach and practice survival techniques, including building shelters, starting fires, purifying water, and using maps and compasses. Provide hands-on experience and individualized feedback.
- **Scientific and Mathematical Integration:** Engage in interactive lessons that connect survival skills to science and math. Activities might include understanding fire chemistry, measuring and collecting resources, and analyzing environmental data.
- **Critical Thinking and Problem-Solving Activities :**Incorporate activities that involve strategic thinking and problem-solving, such as survival scenarios and decision-making exercises. Encourage students to apply their knowledge to solve practical challenges.
- **Reflection and Sharing :**Conclude with a reflection on what was learned, encouraging students to share their insights, favorite parts of the lesson, and observations from their survival training.

Class Title: Navigate & Explore: Land Navigation and Hiking Class

Age Group: ages 8-up

Class Overview: Navigate & Explore:Land navigation and Hiking Class is an exciting BHCFL educational program designed to teach children essential land navigation and hiking skills while integrating core academic subjects. This class combines practical navigation techniques with lessons in geography, mathematics, and environmental science. Through hands-on activities, outdoor exercises, and educational discussions, children will develop skills in navigation, hiking, and environmental awareness, connecting their experiences to broader academic concepts.

Objectives:

- **Navigation Skills Development:** Teach the basics of land navigation, including map reading, compass use, and route planning.
- **Geographical Awareness:** Explore geographical concepts related to landforms, terrain, and spatial orientation through practical navigation activities.
- **Mathematical Application:** Apply mathematical concepts such as measurements, distances, and calculations to navigation and hiking activities.
- **Environmental Science:** Develop an understanding of environmental science and conservation through lessons on ecosystems, wildlife, and sustainable hiking practices.

- **Critical Thinking and Problem-Solving:** Enhance problem-solving skills through navigation challenges, route planning exercises, and decision-making scenarios.

Class Structure:

- **Introduction:** Begin each session with an overview of the day's topic, using visual aids and discussions to set the context. Start with a warm-up activity related to hiking and navigation.
- **Navigation Instruction:** Teach and practice navigation techniques, including reading topographic maps, using compasses, and planning routes. Provide hands-on experience and guidance.
- **Geographical and Mathematical Integration:** Engage in interactive lessons that connect navigation to geography and math. Activities might include measuring distances, understanding landforms, and analyzing map features.
- **Environmental Science and Awareness:** Discuss the importance of environmental conservation and explore ways to protect natural habitats while hiking. Incorporate activities related to wildlife observation and sustainable practices.
- **Reflection and Sharing:** Conclude with a reflection on what was learned, encouraging students to share their insights, favorite parts of the lesson, and observations from their hiking and navigation experiences.

Class Title: First Responders: Children's First Aid Class

Age Group: 8-14 years

Class Overview: First Responders is a hands-on and educational program designed to teach children essential first aid skills while integrating core academic subjects. This class combines practical first aid training with lessons in health science, anatomy, and critical thinking. Through interactive activities, real-life scenarios, and educational discussions, children will learn how to respond to medical emergencies, understand basic human anatomy, and apply their knowledge to broader academic concepts.

Objectives:

- **First Aid Skills Development:** Teach fundamental first aid techniques, including wound care, Hands Only CPR, and emergency response protocols.
- **Health Science Integration:** Explore basic health science concepts related to human anatomy, injury management, and the body's response to emergencies.
- **Mathematical Application:** Apply mathematical concepts such as measurements and timing to first aid activities, calculations and timing of interventions.
- **Critical Thinking and Problem-Solving:** Enhance problem-solving skills through real-life scenarios and decision-making exercises related to emergency situations.
- **Interdisciplinary Learning:** Connect first aid skills to core academic subjects such as science (human anatomy and physiology), math (measurement and calculation), and critical thinking (emergency response and problem-solving).

Class Structure:

- **Introduction:** Begin each session with an overview of the day's topic, using visual aids and discussions to set the context. Start with a warm-up activity related to first aid and emergency response.
- **First Aid Instruction:** Teach and practice first aid techniques, including treating cuts and bruises, performing Hands Only CPR, and managing choking incidents. Provide hands-on experience and individualized feedback.
- **Health Science and Mathematical Integration:** Engage in interactive lessons that connect first aid to health science and math. Activities might include understanding human anatomy, and timing interventions.
- **Critical Thinking and Problem-Solving Activities:** Incorporate activities that involve analyzing emergency scenarios, making decisions, and practicing problem-solving skills. Encourage students to apply their knowledge to real-life situations.
- **Reflection and Sharing:** Conclude with a reflection on what was learned, encouraging students to share their insights, favorite parts of the lesson, and observations from their first aid training.

Program #3: AFRICAN CULTURAL ARTS PROGRAM

Class Title: **Discovering Ancient Afrikan Civilizations Class**
Cost: $25 for 4 weeks of instruction
Instructor: Prof. Jenoch
Class Dates- Mondays, Wednesdays
Location & Time: 12:00 p.m. at Location #1 and BHCFL Homeschool Resource Center
Payment Deadline: August 15th
Age Group: 1st grade thru 12th grade

Class Overview: Discovering Afrikan Civilizations is an engaging educational BHCFL class that immerses children and youth in the rich history and culture of Afrikan civilizations. This class integrates core academic subjects such as history, geography, art, literature, and social studies. Through interactive lessons, hands-on activities, and creative projects, children will explore the diverse and vibrant cultures of Africa, fostering a deeper understanding and appreciation of this important part of world history.

Objectives:

- **Historical Understanding:** Introduce major African civilizations, including Ancient Egypt, Nubia, Mali, Ghana, Songhai, Great Zimbabwe, and the Swahili Coast.
- **Geographical Awareness:** Study the geography of Africa, focusing on physical features, climate zones, and how geography influenced the development of different civilizations.
- **Art and Culture Appreciation:** Explore African art, music, literature, and traditional crafts to understand cultural expressions and heritage.
- **Social Studies Connection:** Discuss social structures, trade, governance, and daily life in various Afrikan civilizations. Highlight significant contributions of African societies to global history.
- **Critical Thinking:** Encourage analytical thinking through discussions, debates, and research projects on historical events and cultural practices.

Class Structure:

- **Introduction:** Begin each session with a brief overview of the day's topic, using maps, images, and storytelling to capture interest.
- **Historical and Geographical Exploration:** Dive into the history and geography of a specific Afrikan civilization. Use multimedia presentations, interactive maps, and engaging narratives to bring history to life.
- **Hands-On Activities:** Engage in creative projects such as making traditional crafts, creating artwork, writing stories inspired by African folktales, or constructing models of historical sites. Incorporate math and science concepts where relevant.
- **Discussion and Critical Thinking:** Facilitate group discussions, debates, and question-and-answer sessions to deepen understanding and encourage critical thinking. Provide opportunities for students to present their research and projects.
- **Reflection and Sharing:** Conclude with a reflection on what was learned, encouraging students to share their insights and favorite parts of the lesson.

Class Title: **Our Story, Our Songs: Rhythms of History in Black Music**
Cost: $5/ per person for 4 weeks of instruction
Instructor: Prof. Jenoch
Class Dates-Mondays, Wednesdays
Location & Time: 12:00 p.m. at Location #1 and BHCFL Homeschool Resource Center
Payment Deadline: September 1st
Age Group: 1st grade thru 12th grade
Our Story, Our Songs: Rhythms of History is an enriching BHCFL class that takes children and youth on a journey through the history of Black music, exploring its profound impact on culture and society. This class integrates core academic subjects such as history, music, social studies, and literature. Through engaging lessons, hands-on activities, and interactive projects, children will discover the roots and evolution of Black music, from African drumming to modern genres like jazz, blues, hip-hop, and more.

Objectives:

- **Historical Understanding:** Introduce the origins and development of various Black music genres, including spirituals, blues, jazz, gospel, R&B, soul, reggae, funk, hip-hop, and more.
- **Cultural Appreciation:** Explore the cultural significance of Black music and its role in social movements, identity, and community.
- **Musical Knowledge:** Teach the basics of musical concepts, instruments, and the contributions of key Black musicians and composers.
- **Social Studies Connection:** Discuss the historical and social contexts in which different music genres emerged and their impact on society.
- **Critical Thinking:** Encourage analytical thinking through discussions, research projects, and critical listening exercises.

Class Structure:

- **Introduction and Warm-Up (10 minutes):** Begin each session with an overview of the day's topic, using music clips, images, and stories to engage interest.
- **Historical and Cultural Exploration (30 minutes):** Dive into the history and cultural context of a specific music genre or era. Use multimedia presentations, historical narratives, and interactive maps to bring the topic to life.
- **Hands-On Activities (30 minutes):** Engage in creative projects such as making musical instruments, writing and performing songs, analyzing lyrics, or creating artwork inspired by music. Incorporate relevant academic concepts such as poetry, math (rhythm patterns), and social studies.
- **Discussion and Critical Thinking (15 minutes):** Facilitate group discussions, debates, and critical listening exercises. Encourage students to share their thoughts on the music and its historical significance.
- **Reflection and Sharing (5 minutes):** Conclude with a reflection on what was learned, encouraging students to share their insights and favorite parts of the lesson.

Class Title: **Beats and Rhythms: BHCFL African Drumming Class**
Cost: $5/pp for 4 weeks of instruction
Instructor: Rasheeda Denning
Class Dates-Mondays
Location & Time: 9:30 a.m. at Location #1
Payment Deadline: September 1st
Age Group: Pre-K thru 12th grade

Class Overview: Beats and Rhythms: BHCFL African Drumming Class is an immersive BHCFL program that combines the excitement of African drumming with core academic

subjects. This class introduces children and youth to the rich traditions of African drumming, while also teaching essential skills in music, history, geography, and cultural studies. Through engaging lessons, interactive activities, and hands-on drumming sessions, children will explore the cultural significance of African drumming, develop musical skills, and connect their learning to broader academic concepts.

Objectives:

- **Musical Skills Development:** Teach the basics of African drumming, including rhythm patterns, hand techniques, and drum circle etiquette.
- **Cultural Appreciation:** Explore the cultural significance of drumming in various African societies, understanding its role in ceremonies, storytelling, communication, and community building.
- **Historical and Geographical Awareness:** Study the history and geography of Africa, focusing on the regions and cultures where different drumming traditions originated.
- **Interdisciplinary Learning:** Integrate core academic subjects such as math (rhythm patterns, counting), social studies (cultural practices, history), and geography (African regions).
- **Critical Thinking:** Encourage analytical thinking through discussions, research projects, and creative activities related to African drumming and culture.

Class Structure:

- **Introduction:** Begin each session with a brief overview of the day's topic, using maps, images, and stories to capture interest. Start with simple rhythmic exercises to warm up.
- **Drumming Instruction:** Teach and practice various drumming techniques and rhythms, focusing on one specific pattern or style each session. Provide individualized feedback and encouragement.
- **Cultural and Academic Integration:** Engage in interactive lessons that connect drumming to core academic subjects. Activities might include studying the geography of African regions, exploring the history of specific drumming traditions, or learning math through rhythm patterns.
- **Creative Activities and Group Play:** Incorporate fun, drumming-related games, improvisation, and group drumming sessions to reinforce skills learned. Encourage creativity and teamwork.
- **Reflection and Sharing:** Conclude with a reflection on what was learned, encouraging students to share their insights and favorite parts of the lesson.

Class Title: **BHCFL African Griot Storytelling Class**
Cost: $30
Instructor: Rasheeda Denning, Mary Allen, Aunt Pearlie Sue

Class Dates-Mondays, Wednesdays, Thursdays
Location & Time: Location #1, BHCFL Homeschool Resource Center **Payment Deadline:** TBD
Age Group: Pre-K thru 12th grade

Class Overview: BHCFL African Griot Storytelling Class is a captivating class that immerses children and youth in the rich tradition of African storytelling while integrating core academic subjects. This class introduces children to the art of storytelling, highlighting the cultural significance of stories in African societies. Through interactive lessons, creative activities, and engaging performances, children will develop their literacy skills, learn about African history and culture, and connect their learning to broader academic concepts.

Objectives:

- **Literacy Skills Development:** Enhance reading, writing, and oral communication skills through the study and practice of storytelling.
- **Cultural Appreciation:** Explore the cultural significance of storytelling in various African societies, understanding its role in preserving history, teaching morals, and building community.
- **Historical and Geographical Awareness:** Study the history and geography of Africa, focusing on the regions and cultures where different stories and traditions originated.
- **Interdisciplinary Learning:** Integrate core academic subjects such as literature (folktales, myths), social studies (cultural practices, history), and geography (African regions).
- **Critical Thinking:** Encourage analytical thinking through discussions, research projects, and creative activities related to African storytelling and culture.

Class Structure:

- **Introduction:** Begin each session with a brief overview of the day's topic, using maps, images, and storytelling to capture interest. Start with a fun activity to warm up.
- **Storytelling Instruction:** Teach and practice various storytelling techniques, focusing on voice modulation, body language, and narrative structure. Share and discuss traditional African folktales and myths.
- **Cultural and Academic Integration:** Engage in interactive lessons that connect storytelling to core academic subjects. Activities might include studying the geography of African regions, exploring the history of specific storytelling traditions, or learning about the moral lessons in the stories.
- **Creative Activities and Group Storytelling:** Incorporate fun, storytelling-related games, improvisation, and group storytelling sessions to reinforce skills learned. Encourage creativity and teamwork.
- **Reflection and Sharing:** Conclude with a reflection on what was learned, encouraging students to share their insights and favorite parts of the lesson.

Class Title: Crafting Heritage: BHCFL African Woodworking Class
Cost: $25/pp for 4 weeks of instruction
Instructor: Rasheeda Denning
Class Dates-Thursdays
Location & Time: 12 noon at BHCFL Homeschool Resource Center
Payment Deadline: TBD
Age Group: 4th thru 12th grade

Class Overview: Crafting Heritage:BHCFL African Woodworking Class is an engaging program that introduces children and youth to the traditional art of African woodworking while integrating core academic subjects. This class combines hands-on woodworking skills with lessons in history, geography, mathematics, and cultural studies. Through interactive projects, creative activities, and educational lessons, children will learn about the rich traditions of African woodworking, develop practical skills, and connect their learning to broader academic concepts.

Objectives:

- **Woodworking Skills Development:** Teach the basics of woodworking, including tool use, safety, techniques, and project planning.
- **Cultural Appreciation:** Explore the cultural significance of woodworking in various African societies, understanding its role in daily life, art, and tradition.
- **Historical and Geographical Awareness:** Study the history and geography of Africa, focusing on the regions and cultures where different woodworking traditions originated.
- **Interdisciplinary Learning:** Integrate core academic subjects such as math (measurements, geometry), social studies (cultural practices, history), and geography (African regions).
- **Critical Thinking:** Encourage analytical thinking through discussions, research projects, and creative activities related to African woodworking and culture.

Class Structure:

- **Introduction:** Begin each session with a brief overview of the day's topic, using maps, images, and stories to capture interest. Start with a safety briefing and warm-up activity.
- **Woodworking Instruction:** Teach and practice various woodworking techniques, focusing on one specific skill or project each session. Provide individualized feedback and guidance.
- **Cultural and Academic Integration:** Engage in interactive lessons that connect woodworking to core academic subjects. Activities might include studying the geography of African regions, exploring the history of specific woodworking traditions, or learning math through measurements and geometry.
- **Creative Activities and Project Work:** Incorporate fun, woodworking-related games, improvisation, and group projects to reinforce skills learned. Encourage creativity and teamwork.
- **Reflection and Sharing:** Conclude with a reflection on what was learned, encouraging students to share their insights and favorite parts of the lesson.

Class Title: **Weaving Wisdom: BHCFL African Basket Weaving Workshop**
Cost: $50/pp for one day workshop
Instructor: TBD
Workshop Dates- Friday
Location & Time: 10:30 a.m. at BHCFL Homeschool Resource Center
Payment Deadline: TBD
Age Group: 4th thru 12th grade

Workshop Overview: Weaving Wisdom: BHCFL African Basket Weaving Workshop is a creative and educational workshop that introduces children and youth to the traditional art of African basket weaving while integrating core academic subjects. This class combines hands-on weaving skills with lessons in history, geography, mathematics, and cultural studies. Through interactive projects, creative activities, and educational lessons, children will learn about the rich traditions of African basket weaving, develop practical skills, and connect their learning to broader academic concepts.

Objectives:

- **Weaving Skills Development:** Teach the basics of basket weaving, including material selection, weaving techniques, and project planning.
- **Cultural Appreciation:** Explore the cultural significance of basket weaving in various African societies, understanding its role in daily life, art, and tradition.
- **Historical and Geographical Awareness:** Study the history and geography of Africa, focusing on the regions and cultures where different basket weaving traditions originated.
- **Interdisciplinary Learning:** Integrate core academic subjects such as math (patterns, measurements, geometry), social studies (cultural practices, history), and geography (African regions).
- **Critical Thinking:** Encourage analytical thinking through discussions, research projects, and creative activities related to African basket weaving and culture.

Workshop Structure:

- **Introduction:** Begin session with a brief overview of the day's topic, using maps, images, and stories to capture interest. Start with a warm-up activity related to weaving.
- **Weaving Instruction:** Teach and practice weaving technique, focusing on one specific skill or project. Provide individualized feedback and guidance.
- **Cultural and Academic Integration:** Engage in interactive lessons that connect weaving to core academic subjects. Activities might include studying the geography of African regions, exploring the history of specific weaving traditions, or learning math through patterns and measurements.
- **Creative Activities and Project Work:** Incorporate fun, weaving-related games, improvisation, and group projects to reinforce skills learned. Encourage creativity and teamwork. Leave workshop with finished basket.
- **Reflection and Sharing :** Conclude with a reflection on what was learned, encouraging students to share their insights and favorite parts of the lesson.

Class Title: Afro Beats Dance Class
Cost: $32/pp for two lessons
Instructor: Live2Move
Class Dates- October 7, 14
Location & Time: 10:00 a.m. at Location #1
Payment Deadline: August 1st
Age Group: 3rd thru 12th grade
Class Overview: Afro Beats Dance Class is a dynamic and educational class that introduces children and youth to the vibrant world of Afro Beats and African dance while integrating core academic subjects. This class combines energetic dance routines with lessons in history, geography, music, and cultural studies. Through interactive dance sessions, creative activities, and educational lessons, children will learn about the cultural significance of African dance, develop physical fitness, and connect their learning to broader academic concepts.

Objectives:

- **Dance Skills Development:** Teach the basics of Afro Beats and African dance, including rhythm, movement, coordination, and choreography.
- **Cultural Appreciation:** Explore the cultural significance of dance in various African societies, understanding its role in celebrations, storytelling, and community building.
- **Historical and Geographical Awareness:** Study the history and geography of Africa, focusing on the regions and cultures where different dance styles originated.
- **Interdisciplinary Learning:** Integrate core academic subjects such as music (rhythm, instruments), social studies (cultural practices, history), and geography (African regions).
- **Physical Education:** Promote physical fitness through exercises that improve agility, strength, flexibility, and coordination.
- **Critical Thinking:** Encourage analytical thinking through discussions, research projects, and creative activities related to African dance and culture.

Class Structure:

- **Introduction and Warm-Up:** Begin each session with a brief overview of the day's topic, using maps, images, and music to capture interest. Start with warm-up exercises to prepare for dancing.
- **Dance Instruction:** Teach and practice various Afro Beats and African dance techniques, focusing on different styles and routines each session. Provide individualized feedback and encouragement.
- **Cultural and Academic Integration:** Engage in interactive lessons that connect dance to core academic subjects. Activities might include studying the geography of African regions, exploring the history of specific dance traditions, or learning about the music and instruments used in African dance.
- **Creative Activities and Group Dance:** Incorporate fun, dance-related games, improvisation, and group choreography sessions to reinforce skills learned. Encourage creativity and teamwork.
- **Reflection and Sharing:** Conclude with a reflection on what was learned, encouraging students to share their insights and favorite parts of the lesson.

Class Title: **Adinkra Artistry: BHCFL Intro to African Textile Fabric Dyeing**
Cost: $75/pp for 4 week class
Instructor: Rasheeda Denning
Class Dates- TBD
Location & Time: 10 a.m.at BHCFL Homeschool Resource Center
Payment Deadline: TBD
Age Group: 6th thru 12th grade

Class Overview: Adinkra Artistry: BHCFL Intro to African Textile Fabric Dyeing is an inspiring and educational class that introduces children to the traditional art of Adinkra symbols and African textile fabric dyeing while integrating core academic subjects. This class combines hands-on fabric dyeing techniques with lessons in history, geography, mathematics, and cultural studies. Through interactive projects, creative activities, and educational lessons, children will learn about the cultural significance of Adinkra symbols and African textiles, develop practical artistic skills, and connect their learning to broader academic concepts.

Objectives:

- **Artistic Skills Development:** Teach the basics of fabric dyeing and Adinkra symbol creation, including material selection, dyeing techniques, and design principles.
- **Cultural Appreciation:** Explore the cultural significance of Adinkra symbols and textile art in various African societies, understanding their role in communication, storytelling, and tradition.
- **Historical and Geographical Awareness:** Study the history and geography of Africa, focusing on the regions and cultures where different textile traditions originated.
- **Interdisciplinary Learning:** Integrate core academic subjects such as math (patterns, measurements, geometry), social studies (cultural practices, history), and geography (African regions).
- **Critical Thinking:** Encourage analytical thinking through discussions, research projects, and creative activities related to Adinkra symbols and textile art.

Class Structure:

- **Introduction:** Begin each session with a brief overview of the day's topic, using maps, images, and stories to capture interest. Start with a warm-up activity related to art and design.
- **Fabric Dyeing and Adinkra Instruction:** Teach and practice various fabric dyeing techniques and the creation of Adinkra symbols, focusing on one specific skill or project each session. Provide individualized feedback and guidance.
- **Cultural and Academic Integration:** Engage in interactive lessons that connect textile art to core academic subjects. Activities might include studying the geography of African regions, exploring the history of specific textile traditions, or learning math through patterns and measurements.

- **Creative Activities and Project Work:** Incorporate fun, textile-related games, improvisation, and group projects to reinforce skills learned. Encourage creativity and teamwork.
- **Reflection and Sharing (5 minutes):** Conclude with a reflection on what was learned, encouraging students to share their insights and favorite parts of the lesson.

Program #4: GOLF & FENCING PROGRAM

Class Title: **Swing Into Learning with BHCFL Golf Class**
Cost: $100 for 8 weeks of instruction
Instructor: First Tee Central Florida
Class Dates- Sept 5 12, 19, 26, Oct. 3,10,17,31
Location & Time: 2:30 p.m. at Top Golf Lake Mary
Payment Deadline: August 6th
Age Group: 5-18 years

Class Overview: Swing into Learning combines the fundamentals of golf with core academic subjects to create a well-rounded educational experience. This innovative class uses the game of golf to teach children and youth essential skills in math, science, physical education, history, and social studies, all while promoting physical activity and healthy competition. Our goal is to foster a love for golf and learning, encouraging children to develop both their athletic and academic abilities.

Objectives:

- **Golf Skills Development:** Teach the basics of golf, including grip, stance, swing, putting, and course etiquette.
- **Math Integration:** Use golf scores, distances, angles, and measurements to reinforce math concepts such as addition, subtraction, multiplication, division, fractions, and geometry.
- **Science Exploration:** Explore the physics of golf, including force, motion, and the aerodynamics of golf balls. Discuss environmental science topics like turf management and the ecological impact of golf courses.
- **Physical Education:** Promote physical fitness through exercises that improve strength, flexibility, and coordination. Emphasize the importance of balance, posture, and endurance.
- **History and Social Studies Connection:** Learn about the history of golf, famous golfers, and the cultural significance of the sport worldwide. Discuss sportsmanship, teamwork, and ethical behavior in sports.

Class Structure:

- **Warm-Up and Physical Education:** Start with stretching exercises, basic fitness routines, and fun physical activities to prepare the body for golf practice.
- **Golf Instruction:** Teach and practice various golf techniques, focusing on specific skills each session (e.g., putting, driving, chipping). Provide individualized feedback and encouragement.
- **Academic Integration:** Engage in interactive lessons that connect golf to core academic subjects. Activities might include measuring the distance of a golf shot and calculating averages, discussing the science behind different types of golf clubs, or exploring the history of the sport.
- **Games and Challenges:** Incorporate fun, golf-related games and challenges to reinforce skills learned. Encourage friendly competition and teamwork.
- **Cool Down and Reflection:** End with cool-down exercises and a group discussion on what was learned. Encourage children to reflect on both their golf skills and academic insights.

Class Title: **En Garde for Learning: BHCFL Fencing Class**
Cost: $350 for an entire school year of instruction
Instructor: Orlando Fencing Academy
Class Dates- TBD-Usually Mondays 10 a.m. & Thursdays 5 p.m.
Location & Time: Chisholm Community Center, Orlando Fencing Academy
Age Group: 5-18 years

Class Overview: En Garde for Learning is an exciting program that blends the art and discipline of fencing with core academic subjects. This unique class uses the sport of fencing to teach children essential skills in math, science, history, and physical education, all while promoting physical fitness, strategic thinking, and self-discipline. Our aim is to inspire a passion for both fencing and academics, helping children to grow athletically and intellectually.

Objectives:

- **Fencing Skills Development:** Teach the basics of fencing, including footwork, blade work, rules, and etiquette.
- **Math Integration:** Use fencing scoring, angles, timing, and distances to reinforce math concepts such as addition, subtraction, multiplication, division, geometry, and algebra.
- **Science Exploration:** Explore the physics of fencing, including concepts of force, motion, reaction time, and biomechanics. Discuss the materials science behind fencing equipment.
- **Physical Education:** Promote physical fitness through exercises that improve agility, strength, flexibility, and coordination. Emphasize the importance of balance, posture, and endurance.
- **History Connection:** Learn about the history of fencing, famous fencers, and the cultural significance of the sport throughout different periods and regions. Discuss the evolution of fencing techniques and equipment.

Class Structure:

- **Warm-Up and Physical Education:** Start with stretching exercises, agility drills, and basic fitness routines to prepare the body for fencing practice.
- **Fencing Instruction:** Teach and practice various fencing techniques, focusing on specific skills each session (e.g., footwork, parries, lunges). Provide individualized feedback and encouragement.
- **Academic Integration:** Engage in interactive lessons that connect fencing to core academic subjects. Activities might include calculating the angle of a parry, discussing the physics behind different fencing moves, or exploring the history and evolution of fencing.
- **Games and Challenges:** Incorporate fun, fencing-related games and challenges to reinforce skills learned. Encourage friendly competition and teamwork.
- **Cool Down and Reflection:** End with cool-down exercises and a group discussion on what was learned. Encourage children to reflect on both their fencing skills and academic insights.

Class Title: **Flag Football Fundamentals**

Age Group: 8years and up

Class Overview: Flag Football Fundamentals is an engaging class that combines the excitement of flag football with core academic learning. This class is designed to integrate physical education with key concepts from mathematics, physical science, and social studies. Through structured practices, games, and educational activities, students will develop athletic skills while exploring important academic principles related to teamwork, strategy, and sportsmanship.

Objectives:

- **Physical Education and Teamwork:** Develop fundamental skills in flag football, including passing, catching, running, and defensive strategies. Students will practice teamwork, communication, and sportsmanship through collaborative drills and games.
- **Mathematical Application:** Apply mathematical concepts such as scoring, time management, and field dimensions to flag football. Students will engage in activities that involve calculating scores, tracking game time, and understanding field measurements.
- **Physical Science:** Explore the principles of physics that affect sports performance, including force, motion, and energy. Students will learn about how these concepts influence movement and strategy in flag football.
- **Social Studies:** Understand the cultural and historical significance of football as a sport. Students will explore the origins of flag football, its evolution, and its impact on communities and society.
- **Critical Thinking and Strategy:** Enhance critical thinking skills by developing and analyzing game strategies. Students will learn to make tactical decisions based on game situations, and reflect on their performance and team dynamics.

Class Structure:

- **Introduction to Flag Football:** Begin with an overview of flag football rules, objectives, and basic skills. Discuss the learning objectives and review the schedule and expectations for the class.

- **Skills Development and Drills:**

    - **Skill Drills:** Practice fundamental skills such as passing, catching, and flag pulling through targeted drills. Focus on improving technique and teamwork.
    - **Mathematical Activities:** Engage in exercises related to scoring, timekeeping, and field dimensions. Students will calculate scores, track game time, and measure field distances as part of the drills.
- **Game Play and Strategy:**

    - **Team Practice:** Participate in organized scrimmages to apply learned skills in game situations. Emphasize teamwork, strategy, and sportsmanship during play.
    - **Strategy Workshop:** Discuss and analyze different game strategies, including offensive and defensive plays. Students will work in groups to develop and practice their own strategies.
- **Physical Science Exploration:**

    - **Physics of Movement:** Explore basic physical science concepts related to sports, such as force, motion, and energy. Discuss how these principles impact performance and strategy in flag football.
- **Critical Reflection and Discussion:**

    - **Group Discussion:** Reflect on the experience of playing flag football and discuss how the skills learned relate to academic concepts. Students will share their observations and insights on teamwork, strategy, and sportsmanship.
    - **Wrap-Up:** Conclude with a summary of key learnings and discuss how the experience connects to broader academic themes and real-world applications.

Class Title: **Basketball Basics**

Age Group: 8-14 years

Class Overview: Basketball Basics is a dynamic class designed to combine the excitement of basketball with core academic learning. This class integrates physical education with key concepts from mathematics, physical science, and social studies, providing students with a comprehensive educational experience. Through engaging drills, games, and educational activities, students will develop their basketball skills while exploring important academic principles related to teamwork, strategy, and sportsmanship.

Objectives:

- **Physical Education and Teamwork:** Develop essential basketball skills, including dribbling, shooting, passing, and defense. Students will practice teamwork, communication, and sportsmanship through collaborative drills and game play.
- **Mathematical Application:** Apply mathematical concepts such as scoring, time management, and game statistics. Students will engage in activities that involve calculating scores, tracking game time, and analyzing performance metrics.
- **Physical Science:** Explore principles of physics related to basketball, including force, motion, and energy. Students will learn about how these concepts affect movement, shooting accuracy, and game strategy.
- **Social Studies:** Understand the historical and cultural significance of basketball. Students will investigate the origins of the sport, its evolution, and its impact on society and communities.
- **Critical Thinking and Strategy:** Enhance critical thinking skills by developing and analyzing game strategies. Students will learn to make tactical decisions based on game situations and reflect on their performance and team dynamics.

Class Structure:

- **Introduction to Basketball (30 minutes):** Begin with an overview of basketball rules, objectives, and fundamental skills. Discuss the learning objectives and review the schedule and expectations for the class.

- **Skills Development and Drills (60 minutes):**

    - **Skill Drills:** Practice fundamental basketball skills such as dribbling, shooting, passing, and defensive techniques through structured drills. Emphasize technique improvement and teamwork.
    - **Mathematical Activities:** Engage in exercises related to scoring, time management, and game statistics. Students will calculate scores, track game time, and analyze performance data.
- **Game Play and Strategy (60 minutes):**

    - **Team Practice:** Participate in organized scrimmages to apply learned skills in game situations. Focus on teamwork, strategy, and sportsmanship during play.
    - **Strategy Workshop:** Discuss and analyze different basketball strategies, including offensive and defensive plays. Students will work in groups to develop and practice their own strategies.
- **Physical Science Exploration (30 minutes):**

    - **Physics of Basketball:** Explore physical science concepts such as force, motion, and energy related to basketball. Discuss how these principles impact shooting accuracy, ball movement, and game performance.
- **Critical Reflection and Discussion (30 minutes):**

    - **Group Discussion:** Reflect on the experience of playing basketball and discuss how the skills learned relate to academic concepts. Students will share their observations and insights on teamwork, strategy, and sportsmanship.

- **Wrap-Up:** Conclude with a summary of key learnings and discuss how the experience connects to broader academic themes and real-world applications.

Program #5: THE GRADUATION/AWARDS CEREMONY
Program #6: GUESTS/FIELD TRIPS/CLASSES

Class Title: **Stitch and Learn: BHCFL Sewing Class**

Age Group: 8-14 years

Class Overview: Stitch and Learn:BHCFL Sewing Class is a hands-on and educational program designed to introduce children to the art of sewing while integrating core academic subjects. This class combines practical sewing skills with lessons in mathematics, history, literature, and cultural studies. Through engaging projects, creative activities, and interactive lessons, children will develop sewing techniques, gain an appreciation for the historical and cultural significance of textiles, and connect their learning to broader academic concepts.

Objectives:

- **Sewing Skills Development:** Teach the basics of sewing, including machine use, hand stitching, pattern making, and garment construction.
- **Mathematical Application:** Apply mathematical concepts such as measurements, geometry, and proportions to sewing projects.
- **Historical and Cultural Awareness:** Explore the history and cultural significance of textiles and clothing in various societies, understanding their role in tradition and identity.
- **Literary Integration:** Incorporate storytelling and literature related to textiles and fashion, enhancing reading and comprehension skills.
- **Critical Thinking:** Encourage analytical thinking through discussions, project planning, and problem-solving related to sewing and design.

Class Structure:

- **Introduction:** Begin each session with an overview of the day's topic, using visual aids and stories to capture interest. Start with a brief warm-up activity related to sewing.
- **Sewing Instruction :** Safety, then teach and practice various sewing techniques, focusing on one specific skill or project each session. Provide individualized feedback and guidance.
- **Mathematical and Historical Integration:** Engage in interactive lessons that connect sewing to core academic subjects. Activities might include using measurements and geometry in pattern making, exploring the history of textiles, or studying the cultural significance of different clothing styles.
- **Creative Projects and Group Work:** Incorporate fun, sewing-related projects, and group activities to reinforce skills learned. Encourage creativity and teamwork.

- **Reflection and Sharing:** Conclude with a reflection on what was learned, encouraging students to share their insights and favorite parts of the lesson.

Class Title: Discovering Life: BHCFL Science Dissection Classes

Age Group: Usually ages 8 and up, but depends on parental assistance for younger ages

Class Overview: Discovering Life is an engaging and educational program that introduces children and youth to the scientific process of dissection while integrating core academic subjects. This class combines hands-on dissection activities with lessons in biology, anatomy, mathematics, and critical thinking. Through interactive dissections, creative experiments, and educational discussions, children will explore the structure and function of various organisms, develop scientific skills, and connect their learning to broader academic concepts.

Objectives:

Biological Skills Development: Teach the basics of biological dissection, including the use of tools, identification of organs, and understanding of anatomical structures.

Scientific Method: Foster an understanding of the scientific method through planning, conducting, and analyzing dissections.

Mathematical Application: Apply mathematical concepts such as measurement and spatial understanding to dissection activities.

Critical Thinking: Enhance critical thinking and problem-solving skills through observations, data analysis, and discussions.

Interdisciplinary Learning: Integrate core academic subjects such as biology (anatomy, physiology), math (measurements, geometry), and critical thinking.

Class Structure:

Introduction and Warm-Up: Begin each session with a brief overview of the day's dissection topic, using visual aids and discussions to set the context. Conduct a warm-up activity related to the scientific concepts.

Dissection Instruction: Teach and practice various dissection techniques, focusing on one specific organism or anatomical system each session. Provide guidance on tool use and safety.

Scientific and Mathematical Integration: Engage in interactive lessons that connect dissection to core academic subjects. Activities might include measuring organs, analyzing structures, and understanding physiological functions.

Creative Experiments and Data Analysis: Incorporate hands-on experiments and group discussions to reinforce concepts learned during dissection. Encourage students to document their observations and analyze results.

Reflection and Sharing: Conclude with a reflection on what was learned, encouraging students to share their insights and favorite parts of the lesson.

Class Title: Empower & Protect: BHCFL Self-Defense and Anti-Bullying Class

Age Group: Ages 5-up

Class Overview: Empower & Protect: BHCFL Self-Defense and Anti-Bullying Class is an engaging and educational program designed to teach children and youth self-defense techniques and anti-bullying strategies while integrating core academic subjects. This class combines physical self-defense training with lessons in social-emotional learning, communication, and critical thinking. Through interactive exercises, role-playing scenarios, and educational discussions, children will develop practical self-defense skills, learn to handle bullying situations, and connect their learning to broader academic concepts.

Objectives:

- **Self-Defense Skills Development:** Teach basic self-defense techniques, including physical safety measures, situational awareness, and conflict resolution.
- **Anti-Bullying Strategies:** Equip children with strategies to recognize, respond to, and prevent bullying, fostering a supportive and inclusive environment.
- **Social-Emotional Learning:** Develop emotional intelligence, self-confidence, and resilience through discussions and role-playing exercises.
- **Interdisciplinary Learning:** Integrate core academic subjects such as language arts (communication skills), social studies (understanding social dynamics), and critical thinking (problem-solving and decision-making).
- **Physical Education:** Promote physical fitness and coordination through self-defense drills and exercises.

Class Structure:

- **Introduction and Warm-Up:** Begin each session with an overview of the day's topic, using discussions and role-playing to set the context. Conduct a physical warm-up to prepare for activities.
- **Self-Defense Instruction:** Teach and practice basic self-defense techniques, including safe physical responses and strategies for de-escalating conflicts. Provide individualized feedback and guidance.
- **Anti-Bullying and Social-Emotional Learning:** Engage in interactive lessons that focus on recognizing and addressing bullying, building self-confidence, and developing empathy. Use role-playing and group discussions to reinforce concepts.
- **Creative Activities and Group Work:** Incorporate fun, self-defense-related games and group activities to reinforce skills learned. Encourage teamwork and problem-solving.
- **Reflection and Sharing:** Conclude with a reflection on what was learned, encouraging students to share their insights and experiences. Discuss how the skills can be applied in real-life situations.

Class Title: **Sign & Learn: BHCFL American Sign Language Class**

Age Group: Pre-K thru 12th grade

Class Overview: Sign & Learn: BHCFL American Sign Language Class is an engaging and educational program designed to introduce children and youth to American Sign Language (ASL) while integrating core academic subjects. This class combines interactive ASL instruction with lessons in language arts, social studies, and cultural studies. Through hands-on activities, creative projects, and educational discussions, children will develop foundational ASL skills, gain an understanding of Deaf culture, and connect their learning to broader academic concepts.

Objectives:

- **ASL Skills Development:** Teach the basics of American Sign Language, including the alphabet, common phrases, and basic conversation skills.
- **Language Arts Integration:** Enhance language arts skills by incorporating vocabulary building, sentence structure, and communication practice through ASL.
- **Cultural Awareness:** Explore Deaf culture and the history of ASL, understanding its significance and role in communication and community.
- **Social Studies and Critical Thinking:** Integrate social studies concepts by studying the role of sign language in different communities and fostering empathy and inclusion. Encourage critical thinking through discussions and problem-solving activities.
- **Interdisciplinary Learning:** Connect ASL to core academic subjects such as language arts (communication skills), social studies (cultural practices), and critical thinking.

Class Structure:

- **Introduction and Warm-Up:** Begin each session with a brief overview of the day's topic, using visual aids and stories to capture interest. Start with a warm-up activity related to ASL.
- **ASL Instruction:** Teach and practice ASL skills, focusing on one specific topic or skill each session. Provide individualized feedback and guidance.
- **Language Arts and Cultural Integration:** Engage in interactive lessons that connect ASL to language arts and cultural studies. Activities might include building vocabulary, practicing sentence structure, and exploring Deaf culture and history.
- **Creative Activities and Group Work:** Incorporate fun, ASL-related games, storytelling, and group projects to reinforce skills learned. Encourage creativity and teamwork.
- **Reflection and Sharing:** Conclude with a reflection on what was learned, encouraging students to share their insights and favorite parts of the lesson.

Class Title: **Life Savers: Teen CPR/AED and First Aid Certification Class**

Age Group: Ages 11-up

Class Overview: Life Savers: Teen CPR/AED and First Aid Certification Class is a comprehensive and educational BHCFL class designed to equip teenagers with CPR/AED and First Aid certification while integrating core academic subjects. This class combines essential emergency response training with lessons in health science, mathematics, and critical thinking. Through hands-on practice, real-life simulations, and interactive discussions, teens will develop life-saving skills, understand human physiology, and apply their knowledge to broader academic concepts.

Objectives:

- **CPR/AED and First Aid Skills Development:** Teach crucial emergency response techniques, including CPR (Cardiopulmonary Resuscitation), AED (Automated External Defibrillator) use, and basic first aid for common injuries and medical emergencies.
- **Health Science Integration:** Explore fundamental health science concepts related to human anatomy, emergency medical response, and the physiological effects of cardiac and respiratory events.
- **Mathematical Application:** Apply mathematical concepts such as timing, measurements, and dosage calculations to first aid and CPR/AED scenarios.
- **Critical Thinking and Problem-Solving:** Enhance decision-making and problem-solving skills through realistic emergency scenarios, simulations, and role-playing exercises.
- **Interdisciplinary Learning:** Connect CPR/AED and first aid training to core academic subjects such as biology (anatomy and physiology), math (timing and calculations), and critical thinking (emergency response strategies).

Class Structure:

- **Introduction and Warm-Up:** Begin each session with an overview of the day's topics, using visual aids and discussions to set the context. Start with a warm-up activity related to CPR/AED and first aid.
- **CPR/AED and First Aid Instruction:** Teach and practice CPR techniques, AED usage, and first aid for injuries such as cuts, burns, and fractures. Provide hands-on experience with mannequins and first aid supplies.
- **Health Science and Mathematical Integration :** Engage in interactive lessons that connect emergency response skills to health science and math. Activities might include understanding the physiological responses during CPR, calculating compression rates, and timing interventions.
- **Critical Thinking and Problem-Solving Activities:** Incorporate activities that involve analyzing emergency scenarios, making quick decisions, and practicing problem-solving strategies. Encourage students to apply their knowledge in simulated emergency situations.
- **Certification and Reflection:** Conclude with a certification test and reflection on what was learned. Encourage students to share their insights, discuss their experiences, and receive their CPR/AED and first aid certification cards.

Class Title: **Dining & Decorum: Youth Social Dining and Etiquette Class**

Age Group: Ages 9-up

Class Overview: Dining & Decorum: Youth Social Dining and Etiquette Class is a polished and educational 4- week BHCFL class designed to teach young individuals essential social dining and etiquette skills while integrating core academic subjects. This class combines practical dining skills with lessons in social studies, communication, and cultural awareness. Through hands-on practice, role-playing, and interactive discussions, students will learn dining etiquette, social norms, and how to apply these skills in various contexts, linking their experiences to broader academic concepts.

Objectives:

- **Dining Etiquette Skills Development:** Teach the basics of social dining etiquette, including table manners, proper use of utensils, and formal dining settings.
- **Social Studies Integration:** Explore social studies concepts related to cultural norms, historical dining practices, and global etiquette traditions.
- **Communication Skills:** Develop effective communication skills through discussions on polite conversation, active listening, and appropriate social interactions.
- **Mathematical Application:** Apply mathematical concepts such as timing, meal planning, and portion control to dining scenarios.
- **Cultural Awareness:** Enhance understanding of cultural diversity and respect for different dining customs and traditions from around the world.

Class Structure:

- **Introduction and Warm-Up:** Begin each session with an overview of the day's topic, using visual aids and discussions to set the context. Start with a warm-up activity related to social dining and etiquette.
- **Etiquette Instruction:** Teach and practice dining etiquette, including setting a table, using utensils correctly, and understanding formal dining procedures. Provide hands-on experience with dining settings and role-playing scenarios.
- **Social Studies and Communication Integration:** Engage in interactive lessons that connect dining etiquette to social studies and communication. Activities might include exploring historical dining practices, discussing cultural norms, and practicing polite conversation.
- **Mathematical and Planning Activities:** Incorporate activities that involve meal planning, portion control, and timing. Encourage students to apply mathematical concepts to practical dining scenarios.
- **Reflection and Role-Playing:** Conclude with a reflection on what was learned, encouraging students to share their insights and experiences. Participate in role-playing activities to practice etiquette skills in various social contexts.

Class Title: **Culinary Creators: BHCFL Youth Cooking Class**

Age Group: 9-up, younger students are allowed with parental assistance

Class Overview: Culinary Creators: BHCFL Youth Cooking Class is a delicious and educational 4-week BHCFL class designed to introduce young chefs to the art of cooking while integrating core academic subjects. This class combines hands-on cooking experiences with lessons in science, mathematics, and nutrition. Through interactive cooking sessions, recipe experiments, and educational discussions, students will develop culinary skills, understand food science, and apply their knowledge to broader academic concepts.

Objectives:

- **Culinary Skills Development:** Teach fundamental cooking techniques, including meal preparation, ingredient handling, and recipe execution.
- **Scientific Exploration:** Explore scientific principles related to food chemistry, heat transfer, and nutritional content through cooking experiments and activities.
- **Mathematical Application:** Apply mathematical concepts such as measurements, ratios, and conversions to recipe preparation and cooking processes.
- **Nutritional Understanding:** Develop an understanding of nutrition and healthy eating habits, including analyzing nutritional content and planning balanced meals.
- **Critical Thinking and Problem-Solving:** Enhance problem-solving skills through recipe modifications, ingredient substitutions, and creative cooking challenges.

Class Structure:

- **Introduction and Warm-Up:** Begin each session with an overview of the day's recipe and objectives, using visual aids and discussions to set the context. Start with a warm-up activity related to cooking techniques and safety.
- **Cooking Instruction:** Teach and practice cooking techniques, including preparing ingredients, cooking methods, and presentation. Provide hands-on experience and guidance as students create their dishes.
- **Scientific and Mathematical Integration:** Engage in interactive lessons that connect cooking to science and math. Activities might include understanding the chemical reactions in baking, measuring ingredients accurately, and converting recipe units.
- **Nutritional and Health Awareness:** Discuss the importance of nutrition and healthy eating, exploring how to create balanced meals and analyze nutritional information. Incorporate activities related to meal planning and dietary choices.
- **Reflection and Tasting:** Conclude with a reflection on what was learned, encouraging students to share their culinary creations and insights. Participate in a tasting session to evaluate and appreciate the dishes made.

Class Title: **STEM Explorers: BHCFL Youth STEM Class**

Age Group: Pre-K thru 12th grade

Class Overview: STEM Explorers: BHCFL Youth STEM Class is an engaging and educational program designed to immerse young students in the world of Science, Technology, Engineering, and Mathematics (STEM) while integrating core academic subjects. This class combines hands-on STEM projects with lessons in scientific inquiry, mathematical reasoning, and technological innovation. Through interactive experiments, engineering challenges, and technology-based activities, students will develop critical thinking skills, explore scientific principles, and apply their knowledge across various disciplines.

Objectives:

- **Scientific Inquiry:** Teach fundamental scientific principles through experiments and investigations, including topics in physics, chemistry, and biology.
- **Technological Innovation:** Explore technology concepts such as coding, robotics, and digital design, and understand their real-world applications.
- **Engineering Design:** Develop engineering skills by engaging in design challenges and building projects, applying principles of physics and materials science.
- **Mathematical Application:** Apply mathematical concepts such as measurements, geometry, and data analysis to STEM projects and problem-solving activities.
- **Critical Thinking and Problem-Solving:** Enhance problem-solving skills through hands-on projects, collaborative tasks, and creative thinking exercises.

Class Structure:

- **Introduction and Warm-Up:** Begin each session with an overview of the day's project or experiment, using visual aids and discussions to set the context. Start with a warm-up activity related to STEM principles.
- **STEM Project Instruction:** Teach and guide students through hands-on STEM projects, including scientific experiments, engineering challenges, and technology-based activities. Provide support and feedback throughout the process.
- **Scientific and Mathematical Integration:** Engage in interactive lessons that connect STEM projects to scientific inquiry and mathematical concepts. Activities might include analyzing experiment results, calculating measurements, and understanding technological processes.
- **Critical Thinking and Problem-Solving Activities:** Incorporate activities that involve analyzing problems, designing solutions, and testing ideas. Encourage students to apply their knowledge in creative and innovative ways.
- **Reflection and Presentation:** Conclude with a reflection on what was learned, encouraging students to share their findings, discuss their projects, and present their solutions to the group.

Class Title: **Ready for Anything: Youth Disaster Preparedness Class**

Age Group: Ages 11-up

Class Overview: Ready for Anything: Youth Disaster Preparedness Class is an engaging and educational program designed to teach young students essential disaster preparedness and response skills while integrating core academic subjects. This class combines practical preparedness training with lessons in science, mathematics, and critical thinking. Through interactive simulations, emergency planning, and educational discussions, students will develop skills to handle various emergencies, understand scientific concepts related to disasters, and apply their knowledge to broader academic contexts.

Objectives:

- **Disaster Preparedness Skills Development:** Teach fundamental disaster preparedness techniques, including creating emergency plans, assembling survival kits, and practicing safety measures for different types of emergencies.
- **Scientific Exploration:** Explore scientific principles related to natural disasters such as earthquakes, hurricanes, floods, and fires, including their causes, effects, and preventive measures.
- **Mathematical Application:** Apply mathematical concepts such as measurements, calculations, and data analysis to disaster preparedness activities, including resource management and emergency planning.
- **Critical Thinking and Problem-Solving:** Enhance problem-solving skills through realistic emergency scenarios, decision-making exercises, and crisis management simulations.
- **Interdisciplinary Learning:** Connect disaster preparedness to core academic subjects such as science (understanding natural phenomena), math (calculating needs and resources), and social studies (impact on communities and recovery strategies).

Class Structure:

- **Introduction and Warm-Up:** Begin each session with an overview of the day's topic, using visual aids and discussions to set the context. Start with a warm-up activity related to disaster preparedness.
- **Disaster Preparedness Instruction:** Teach and practice essential preparedness skills, including developing emergency plans, assembling survival kits, and conducting safety drills. Provide hands-on experience and guidance.
- **Scientific and Mathematical Integration:** Engage in interactive lessons that connect disaster preparedness to scientific and mathematical concepts. Activities might include understanding the science behind different types of disasters, calculating resource needs, and analyzing risk data.
- **Critical Thinking and Problem-Solving Activities:** Incorporate activities that involve analyzing emergency scenarios, making decisions, and managing crises. Encourage students to apply their knowledge in simulated disaster situations.
- **Reflection and Planning:** Conclude with a reflection on what was learned, encouraging students to share their insights and experiences. Participate in creating and reviewing personal or family emergency plans.

Class Title: **Preserving the Future: BHCFL Youth Food Canning Class**

Age Group: Ages 6-up

Class Overview: Preserving the Future: BHCFL Youth Food Canning Class is a practical and educational program designed to introduce young students to the art of food canning while integrating core academic subjects. This class combines hands-on canning experiences with lessons in science, mathematics, and nutrition. Through interactive canning sessions, food science experiments, and educational discussions, students will learn the fundamentals of preserving food, understand the science behind canning, and apply their knowledge to broader academic concepts.

Objectives:

- **Food Canning Skills Development:** Teach essential canning techniques, including preparing, sterilizing, and sealing jars for preservation. Students will learn about different types of canning methods, such as water bath and pressure canning.
- **Scientific Exploration:** Explore the science behind food preservation, including the principles of heat processing, microbial safety, and the chemistry of food spoilage and preservation.
- **Mathematical Application:** Apply mathematical concepts such as measurements, ratios, and conversions to canning processes, including recipe scaling, ingredient calculations, and processing times.
- **Nutritional Understanding:** Develop an understanding of nutrition and the benefits of home-preserved foods, including analyzing nutritional content and making healthy food choices.
- **Critical Thinking and Problem-Solving:** Enhance problem-solving skills through canning challenges, recipe modifications, and troubleshooting preservation issues.

Class Structure:

- **Introduction and Warm-Up:** Begin each session with an overview of the day's canning project and objectives, using visual aids and discussions to set the context. Start with a warm-up activity related to food preservation.
- **Canning Instruction:** Teach and practice canning techniques, including preparing ingredients, sterilizing jars, and sealing cans. Provide hands-on experience and guidance throughout the canning process.
- **Scientific and Mathematical Integration:** Engage in interactive lessons that connect canning to science and math. Activities might include understanding heat processing and food safety, calculating ingredient quantities, and analyzing recipe conversions.

- **Nutritional and Health Awareness:** Discuss the importance of nutrition and the benefits of home-preserved foods. Explore how to analyze nutritional content and make balanced food choices.
- **Reflection and Tasting:** Conclude with a reflection on what was learned, encouraging students to share their experiences and observations. Participate in tasting and evaluating the preserved foods made during the class.

Class Title: Explorers' Showcase: BHCFL Science and Geography Fair

Age Group: Pre-K thru 12th grade

Class Overview: Explorers' Showcase: BHCFL Science & Geography Fair is an exciting and educational program designed to engage young students in science and geography projects while integrating core academic subjects. This class combines the thrill of preparing for a science and geography fair with lessons in scientific inquiry, geographical concepts, and project presentation skills. Students will conduct research, develop projects, and present their findings, linking their work to broader academic concepts and real-world applications.

Objectives:

- **Scientific Inquiry and Research:** Teach students how to conduct scientific research, design experiments, and analyze data. Projects will cover various scientific fields, including biology, chemistry, physics, and earth science.
- **Geographical Exploration:** Explore geographical concepts such as physical geography, human geography, and environmental studies. Students will investigate topics related to maps, ecosystems, and cultural landscapes.
- **Mathematical Application:** Apply mathematical concepts such as data analysis, measurement, and statistical methods to scientific experiments and geographical studies.
- **Project Development and Presentation:** Develop skills in project planning, organization, and presentation. Students will learn how to effectively communicate their findings through visual displays, oral presentations, and written reports.
- **Critical Thinking and Problem-Solving:** Enhance problem-solving skills through project development, data interpretation, and addressing research challenges.

Event Structure:

- **Introduction and Planning:** Begin each planning session with an overview of the fair preparation process and objectives. Discuss project ideas and provide guidance on selecting and developing topics.
- **Scientific and Geographical Research:** Guide students in conducting research for their projects, including data collection, experimentation, and geographical analysis. Provide support for research methods and project development.
- **Mathematical Integration:** Incorporate mathematical activities related to data analysis, measurements, and statistical methods. Help students apply these concepts to their projects.

- **Project Development and Presentation Skills:** Teach students how to organize and present their projects, including creating visual displays, preparing oral presentations, and writing reports. Provide feedback and practice opportunities.
- **Preparation for Fair:** Conclude with final preparations for the science and geography fair, including assembling displays, practicing presentations, and reviewing project details.

Field Trip Title: **Skybound Explorers: Youth Skydiving Field Trip**

Age Group: Pre-K thru 12th grade

Field Trip Overview: Skybound Explorers: Learn about Skydiving Field Trip is a unique educational field trip designed to combine the thrill of skydiving with valuable academic lessons in science, mathematics, and physical education. This field trip provides students with a safe and supervised skydiving experience while integrating core academic concepts through pre- and post-flight activities. Students will explore the science of aerodynamics, apply mathematical calculations, and engage in physical education principles related to skydiving.

Field Trip Locations: SkyDive and iFly

Objectives:

- **Aerodynamics and Physics:** Teach students the principles of aerodynamics, including forces such as gravity, lift, drag, and thrust. Explore how these forces interact during skydiving and affect the body in freefall.
- **Mathematical Application:** Apply mathematical concepts such as speed, altitude, and trajectory calculations to understand the physics of skydiving. Students will measure and analyze data related to their jump experience.
- **Physical Education Integration:** Discuss physical fitness and body awareness in relation to skydiving. Explore how body positioning and control are essential for a safe and successful jump.
- **Safety and Teamwork:** Emphasize the importance of safety, teamwork, and communication in extreme sports. Students will learn about safety protocols, equipment use, and collaborative planning.

Field Trip Structure:

- **Pre-Flight Preparation:** Begin with an overview of the skydiving experience, including safety briefings and equipment demonstrations. Discuss the scientific principles of aerodynamics and the mathematical calculations related to skydiving.
- **Skydiving Experience:** Under the supervision of certified instructors, students will participate in a indoor skydiving experience. Each student will be securely harnessed to an instructor and experience the thrill of freefall and parachute descent.

- **Post-Flight Reflection:** Conclude with a reflection on the experience, including a discussion of the scientific principles observed during the jump. Engage in a review of the mathematical calculations related to speed, altitude, and trajectory. Discuss the physical and emotional aspects of the experience and its impact on teamwork and safety awareness.

Field Trip Title: All Aboard: BHCFL Pioneer Village Train/Bus Ride Field Trip

Age Group: Pre-K thru 12th grade

Field Trip Overview: All Aboard: BHCFL Pioneer Village Train/Bus Ride Field Trip is an engaging and educational field trip designed to combine the experience of a train ride with lessons in science, mathematics, history, and geography. This field trip offers students a unique opportunity to explore the fundamentals of rail transportation, understand historical and geographical contexts, and apply mathematical concepts in a real-world setting. Through interactive activities and discussions, students will connect their field trip experience with core academic subjects.

Objectives:

- **Science and Engineering:** Explore the science and engineering principles behind train transportation, including concepts of motion, energy, and mechanical systems. Students will learn about the technology that makes trains work and their impact on travel and industry.
- **Mathematical Application:** Apply mathematical concepts such as distance, speed, and time calculations to understand the logistics of train travel. Students will measure travel distances, calculate travel times, and analyze train schedules.
- **Historical Context:** Investigate the history of railroads, including their development, impact on society, and significance in different historical periods. Students will learn about the role of trains in shaping modern transportation and economies.
- **Geographical Awareness:** Understand the geographical aspects of train routes, including how they connect different regions and the role of railways in regional development. Students will map out train routes and identify key locations along the way.
- **Critical Thinking and Observation:** Enhance observational skills and critical thinking through on-board activities, including analyzing the train's environment, understanding its operations, and reflecting on the historical and geographical aspects observed during the ride.

Field Trip Structure:

- **Pre-Trip Preparation:** Begin with an overview of the train ride experience, including a discussion of the science, mathematics, history, and geography related to rail transportation. Review safety procedures and the schedule for the day.
- **Train Ride Experience:** Students will board the train for a scenic ride, observing and recording various aspects related to the journey. They will participate in interactive activities such as measuring distances, noting geographical landmarks, and discussing the train's mechanical features.

- **Onboard Activities:** Engage in educational activities during the ride, including discussions on the science of motion, calculations related to speed and distance, and historical and geographical observations. Students will work on worksheets and participate in group discussions.
- **Post-Trip Reflection:** Conclude with a reflection on the experience, discussing what was learned about rail transportation, historical context, and geographical connections. Students will share their observations, analyze the data collected, and relate their experiences to academic concepts.

Field Trip Title: Historic Explorers: Youth Pioneer Village Museum Field Trip

Age Group: Pre-K thru 12th grade

Field Trip Overview: Historic Explorers is an immersive and educational field trip designed to introduce young students to the life and times of early pioneers through a visit to a Pioneer Village Museum in Florida. This field trip integrates lessons in history, social studies, and geography with hands-on activities and explorations. Students will gain a deeper understanding of pioneer life, the historical context of the era, and the geographical factors that influenced settlement and development.

Objectives:

- **Historical Understanding:** Teach students about the daily life, challenges, and achievements of early pioneers. Explore historical artifacts, structures, and practices to provide a comprehensive view of pioneer life.
- **Social Studies Integration:** Investigate the social structures, economic activities, and cultural practices of pioneer communities. Students will learn about the roles of different individuals and groups in pioneer society and how they contributed to community development.
- **Geographical Awareness:** Explore the geographical factors that influenced pioneer settlement in Florida, including land use, natural resources, and climate. Students will map out settlement patterns and understand how geography affected pioneer life.
- **Mathematical Application:** Apply mathematical concepts such as measurements, calculations of land area, and comparisons of historical and modern practices. Students will engage in activities related to building, farming, and daily life in a pioneer setting.
- **Critical Thinking and Reflection:** Enhance critical thinking skills through observation, analysis, and reflection on pioneer life. Students will discuss the similarities and differences between historical and contemporary lifestyles and consider the impact of pioneers on modern society.

Field Trip Structure:

- **Pre-Trip Preparation:** Begin with an overview of the Pioneer Village Museum visit, including a discussion of the historical, social, and geographical contexts of pioneer life. Review the schedule for the day and set objectives for the visit.
- **Museum Tour and Activities:** Explore the Pioneer Village Museum, engaging with historical exhibits, artifacts, and interactive demonstrations. Students will participate in hands-on activities such as traditional crafts, farming techniques, and cooking demonstrations. Tour multiple structures from the late 1800s, including a cracker house, a blacksmith shop, a citrus packing house, Seminole Indian village, and a cow camp and more. Each building is filled with artifacts to showcase the lifestyle of early Florida pioneers. Walk around the Pioneer Village at Shingle Creek and complete a student activity booklet. Depending on staff and volunteer availability during the time of your trip you may have the opportunity to interact with actual costumed people representing the families who once lived in the homes and buildings you will see.

- **Educational Workshops:** Participate in themed workshops that delve deeper into specific aspects of pioneer life, such as building techniques, agricultural practices, and daily household management. Students will work on activities and projects related to these themes.
- **Post-Trip Reflection and Discussion:** Conclude with a reflection on the experience, discussing what was learned about pioneer life, historical context, and geographical factors. Students will share their observations, analyze the impact of pioneers, and relate their experiences to academic concepts.

Field Trip Title: **Fountain of Youth Eco-Heritage Field Trip**

Age Group: Pre-K thru 12th grade

Field Trip Overview: Fountain of Youth Eco-Heritage Field Trip is an engaging field trip designed to combine the exploration of historical and natural heritage at the Fountain of Youth De Leon Springs State Park and Lake Woodruff National Wildlife Refuge in Florida with lessons in history, science, and environmental studies. This tour integrates core academic concepts with hands-on experiences, allowing students to learn about early Spanish explorers, the natural environment, and the cultural significance of the De Leon Springs State Park Fountain of Youth through interactive and educational activities. After passengers find a comfortable seat, the Fountain of Youth Boat Tour will ease away from the dock to begin telling the tale of these "healing waters," named by the Mayaca Indians. Much of the story will unfold before your eyes as osprey swoop down to pluck a fish for a meal and alligators warm themselves in the sun. As we explore nature, we will also talk about the area's 6,000 years of history and some myths. Was Ponce de Leon really here? Whatever your interest, your are sure to enjoy your time with us.

Objectives:

- **Historical Context:** Teach students about the early Spanish explorers, including Ponce de León, and their quest for the legendary Fountain of Youth. Explore the historical significance of these explorations and their impact on Florida's history.

- **Environmental Science:** Investigate the local ecosystem and natural features of the Fountain of Youth De Leon Springs State Park and Lake Woodruff National Wildlife refuge, including its wetlands, flora, and fauna. Students will learn about the importance of conservation and the role of natural resources in historical contexts.
- **Geographical Awareness:** Explore the geographical features of the area, including water sources, landforms, and their influence on early settlement and exploration. Students will map out key features and understand how geography shaped historical events.
- **Mathematical Application:** Apply mathematical concepts such as measurement and data analysis to study environmental features and historical artifacts. Students will engage in activities related to the dimensions of archaeological sites and environmental data collection.
- **Critical Thinking and Reflection:** Enhance critical thinking skills through observation, analysis, and reflection on the historical and environmental aspects of the tour. Students will discuss the connection between historical events and environmental conservation.

Field Trip Structure:

- **Pre-Trip Preparation:** Begin with an overview of the Fountain of Youth Eco-Heritage Tour, including a discussion of the historical background, environmental features, and academic objectives. Review the schedule and set goals for the visit.
- **Park, Boat Tour and Exploration:** Explore the DeLeon Springs and its history to Ponce de Leon and the Fountain of Youth, including its historical exhibits, archaeological sites, and natural features. Students will participate in guided boat tours, interactive demonstrations, and hands-on activities related to historical exploration and environmental science.
- **Educational Workshops:** Engage in themed workshops that delve into specific aspects of the tour, such as the science of local ecosystems, historical artifacts, and conservation efforts. Students will work on activities related to these themes. There will be a hands-on cooking class along with this amazing field trip.
- **Post-Trip Reflection and Discussion:** Conclude with a reflection on the experience, discussing what was learned about early exploration, environmental science, and the historical significance of the Fountain of Youth. Students will share their observations, analyze connections between history and the environment, and relate their experiences to academic concepts.

Class Title: **Soaring Ambitions: Girls in Aviation Field Trip**

Age Group: K-12th

Class Overview: Soaring Ambitions is an inspiring field trip designed to introduce young girls to the exciting world of aviation while integrating lessons in science, technology, engineering, and mathematics (STEM). This field trip provides students with hands-on experiences and educational insights into the aviation industry, exploring the principles of flight, aircraft design, and the role of women in aviation. Through interactive activities and expert interactions, students will gain valuable knowledge and inspiration for future STEM careers.

Objectives:

- **Aerospace Science:** Teach students the fundamental principles of flight, including aerodynamics, lift, thrust, drag, and gravity. Explore how these principles apply to different types of aircraft and aviation technologies.
- **Engineering and Technology:** Investigate the engineering and technological aspects of aviation, including aircraft design, navigation systems, and maintenance practices. Students will learn about the design process and innovations in the field.
- **Mathematical Application:** Apply mathematical concepts such as calculations of speed, altitude, and fuel efficiency to understand aviation operations. Students will engage in activities related to flight planning and aircraft performance.
- **Career Exploration:** Highlight the contributions of women in aviation and provide insights into various career paths within the industry. Students will meet female aviation professionals and learn about their experiences and achievements.
- **Critical Thinking and Problem-Solving:** Enhance problem-solving skills through interactive challenges and simulations related to aviation. Students will work on scenarios involving flight simulations, navigation exercises, and engineering problems.

Field Trip Structure:

- **Pre-Trip Preparation:** Begin with an overview of the field trip, including a discussion of aviation principles, career opportunities, and academic objectives. Review the schedule for the day and set goals for the visit.
- **Aviation Facility Tour:** Explore an aviation facility, such as an airport, flight school, or aviation museum. Students will tour aircraft, meet aviation professionals, and observe operations and maintenance procedures.
- **Interactive Workshops:** Participate in hands-on workshops and simulations, including flight simulators, aircraft design challenges, and navigation exercises. Students will work in groups to solve problems and apply STEM concepts.
- **Career Panel and Q&A:** Attend a panel discussion with female aviation professionals who will share their career experiences, insights, and advice. Students will have the opportunity to ask questions and learn about various roles in the aviation industry.
- **Post-Trip Reflection and Discussion:** Conclude with a reflection on the experience, discussing what was learned about aviation, STEM principles, and career opportunities. Students will share their observations and insights, and consider how the field trip has influenced their future aspirations.

Class Title: **Nature Explorers: Volusia County Conservation Lands Field Trip**

Age Group: Pre-K thru 12th grade

Class Overview: Nature Explorers offers an immersive educational experience through a field trip to Volusia County's conservation lands in Florida. This class integrates lessons in environmental science, geography, and biology with hands-on activities and explorations of local

ecosystems. Students will gain insights into conservation efforts, biodiversity, and ecological processes while connecting their outdoor experiences with core academic subjects.

Objectives:

- **Environmental Science:** Teach students about the principles of conservation, ecosystems, and biodiversity. Explore the role of conservation lands in protecting natural habitats and promoting ecological balance.
- **Geographical Awareness:** Investigate the geographical features of Volusia County's conservation lands, including landforms, water sources, and climate. Students will learn about the impact of geography on local ecosystems and conservation efforts.
- **Biological Studies:** Examine the flora and fauna of the conservation areas, including plant species, wildlife, and their interactions within the ecosystem. Students will study animal behavior, plant adaptation, and the role of different species in maintaining ecological health.
- **Mathematical Application:** Apply mathematical concepts such as measurements, data collection, and statistical analysis to study environmental data. Students will engage in activities related to tracking wildlife, measuring plant growth, and analyzing ecological data.
- **Critical Thinking and Problem-Solving:** Enhance problem-solving skills through interactive challenges and observations related to environmental conservation. Students will work on scenarios involving habitat management, ecological impact assessments, and conservation strategies.

Field Trip Structure:

- **Pre-Trip Preparation:** Begin with an overview of the field trip, including a discussion of conservation principles, geographical features, and biological concepts. Review the schedule and set objectives for the visit.
- **Conservation Lands Tour:** Explore the conservation lands, guided by park rangers or naturalists. Students will observe and document various ecological features, plant species, and wildlife. They will participate in activities such as nature walks, habitat studies, and species identification.
- **Educational Workshops:** Participate in themed workshops focusing on specific aspects of the conservation lands, such as plant identification, wildlife tracking, and environmental impact analysis. Students will work in groups to complete activities and gather data.
- **Mathematical and Scientific Analysis:** Engage in activities that involve measuring environmental data, such as calculating plant growth rates, tracking wildlife movements, and analyzing ecological data collected during the trip.
- **Post-Trip Reflection and Discussion:** Conclude with a reflection on the experience, discussing what was learned about conservation, biodiversity, and geographical features. Students will share their observations, analyze data, and consider the importance of conservation efforts in their own communities.

Class Title: **Eco-Detectives: Youth Plant Identification, Invasive Species, and Water Quality Testing Class**

Age Group: Pre-K thru 12th grade

Class Overview: Eco-Detectives is an interactive and educational class designed to engage students in hands-on learning about plant identification, invasive species, and water quality testing. This class integrates core academic concepts from science and environmental studies with practical fieldwork and laboratory activities. Students will develop skills in botany, ecology, and environmental science while learning about the impact of invasive species and the importance of water quality.

Objectives:

- **Plant Identification:** Teach students how to identify local plant species using field guides and observation techniques. Explore plant anatomy, growth patterns, and the role of plants in ecosystems.
- **Invasive Species:** Investigate the characteristics and impacts of invasive species on local ecosystems. Students will learn about the ecological challenges posed by non-native plants and how to manage and mitigate their effects.
- **Water Quality Testing:** Introduce students to water quality testing methods, including the analysis of pH, turbidity, and contamination levels. Students will understand the importance of clean water and the impact of pollutants on aquatic ecosystems.
- **Mathematical and Scientific Analysis:** Apply mathematical concepts to analyze data collected during plant identification and water quality tests. Students will engage in activities related to data recording, statistical analysis, and interpretation of results.
- **Critical Thinking and Problem-Solving:** Enhance problem-solving skills through hands-on activities and discussions about plant and water quality issues. Students will work on scenarios involving invasive species management, habitat restoration, and environmental conservation.

Class Structure:

- **Introduction and Overview:** Begin with an introduction to plant identification, invasive species, and water quality testing. Discuss the objectives of the class and review the schedule and materials.
- **Plant Identification Workshop:** Students will learn how to identify local plant species using field guides and observation techniques. They will explore plant anatomy and ecosystems through interactive activities and fieldwork.
- **Invasive Species Analysis:** Investigate local invasive species and their impact on native ecosystems. Students will participate in activities to identify invasive plants, understand their effects, and discuss management strategies.
- **Water Quality Testing Lab:** Conduct hands-on water quality tests, including measuring pH, turbidity, and contamination levels. Students will use testing kits and analyze the results to understand the importance of clean water and its impact on aquatic life.
- **Data Analysis and Reflection:** Analyze the data collected during the plant identification, invasive species, and water quality testing activities. Students will discuss their findings,

reflect on the importance of their work, and consider solutions to environmental challenges.

Field Trip Title: **Adventure in Learning: Youth & Family Camping Retreat**

Age Group: Pre-K thru 12th grade

Field Trip Overview: Adventure in Learning is an enriching family camping retreat designed to combine the excitement of outdoor adventures with core academic concepts. This retreat offers a unique opportunity for students and their families to engage in educational activities related to environmental science, geography, survival skills, and teamwork, all while enjoying the great outdoors. Through interactive workshops and hands-on experiences, participants will develop practical skills and deepen their understanding of core academic subjects.

Objectives:

- **Environmental Science:** Explore local ecosystems, including plant and animal life, through guided nature walks and field studies. Learn about ecological balance, conservation, and the impact of human activities on the environment.
- **Geography and Map Skills:** Understand geographical features and navigation techniques by studying maps, using compasses, and exploring terrain. Students will develop skills in map reading, orientation, and spatial awareness.
- **Survival Skills:** Teach essential survival skills, including building shelters, fire safety, and first aid. Students will engage in hands-on activities to practice these skills and understand their importance in outdoor settings.
- **Mathematical Application:** Apply mathematical concepts such as measurements, distance calculations, and resource management during camping activities. Students will work on practical problems related to campsite setup, resource allocation, and navigation.
- **Teamwork and Problem-Solving:** Enhance teamwork and problem-solving skills through group challenges and collaborative tasks. Families will work together to solve outdoor challenges, complete team-building exercises, and participate in group discussions.

Retreat Structure:

- **Day 1: Arrival and Orientation**
    - **Welcome and Introduction:** Meet the instructors and fellow participants, review the retreat schedule, and discuss safety procedures.
    - **Camp Setup:** Families will set up their campsites and participate in a group discussion about campsite management and resource use.
- **Day 2: Environmental Exploration and Learning**
- **Nature Walk and Field Study: Explore local ecosystems, observe wildlife, and identify plant species. Students will collect data and discuss ecological concepts.**

    - **Geography Workshop:** Learn map reading and navigation skills through practical exercises and outdoor activities. Families will use compasses and maps to navigate to various locations around the campsite.
- **Day 3: Survival Skills and Mathematical Applications**

- **Survival Skills Workshop: Participate in hands-on activities such as building shelters, fire-making, and basic first aid. Students will learn practical skills for outdoor safety and survival.**

    - **Mathematical Challenges:** Engage in activities related to campsite setup, including measuring distances, calculating resource needs, and managing supplies.
- **Day 4: Teamwork, Problem-Solving, and Reflection**

    - **Team-Building Exercises:** Complete group challenges and problem-solving activities designed to enhance teamwork and communication. Families will work together to solve outdoor puzzles and complete tasks.
    - **Reflection and Wrap-Up:** Reflect on the experiences of the retreat, discuss what was learned, and share feedback. Families will participate in a closing discussion about the connections between outdoor experiences and academic concepts.

Field Trip Title: **Urban Explorers: Youth Field Trip to Orlando Eye, Sea Life, and Madame Tussauds**

Age Group: Pre-K thru 12th grade

Field Trip Overview: Urban Explorers is a dynamic field trip designed to provide students with an engaging educational experience at three iconic Orlando attractions: the Orlando Eye, Sea Life Orlando, and Madame Tussauds. This field trip integrates core academic concepts from science, geography, and history with interactive and hands-on activities. Students will explore the wonders of observation, marine biology, and historical figures while connecting their experiences to essential learning objectives.

Objectives:

- **Geographical and Physical Science:** Understand the principles of observation and engineering through the Orlando Eye. Explore how observation towers function and their impact on urban landscapes and tourism.
- **Marine Biology:** Investigate marine life and ecosystems at Sea Life Orlando. Learn about ocean habitats, species adaptation, and conservation efforts while observing various marine animals.
- **History and Cultural Studies:** Discover historical figures and cultural icons at Madame Tussauds. Analyze the impact of these figures on society and explore the art of wax sculpture as a historical and artistic medium.

- **Mathematical Application:** Apply mathematical concepts such as measurements, scaling, and data analysis during activities at each attraction. Students will engage in tasks related to height, distance, and statistical data from their observations.
- **Critical Thinking and Reflection:** Enhance critical thinking and reflective skills through discussions and activities related to each attraction. Students will analyze how each experience connects to broader academic concepts and real-world applications.

Field Trip Structure:

- **Pre-Trip Preparation:** Introduce the field trip, including an overview of the attractions and their academic connections. Discuss the schedule, learning objectives, and safety procedures.

- **Orlando Eye:**

    - **Observation and Engineering:** Explore the Orlando Eye, learning about its engineering design, height, and the mechanics of observation towers. Students will participate in discussions about how such structures impact cities and tourism.
    - **Mathematical Activity:** Engage in a measurement activity to understand the scale of the wheel and its components. Analyze data related to height, distance, and views.
- **Sea Life Orlando:**

    - **Marine Biology Exploration:** Tour Sea Life Orlando and observe various marine species. Learn about ocean ecosystems, species adaptation, and conservation efforts through interactive exhibits and educational talks.
    - **Scientific Activity:** Participate in a data collection activity, such as recording observations of different species or measuring the size of marine animals. Discuss the importance of marine conservation.
- **Madame Tussauds:**

    - **Historical and Cultural Insights:** Explore Madame Tussauds and interact with wax figures of historical figures and cultural icons. Discuss the impact of these individuals on history and culture.
    - **Artistic Activity:** Learn about the process of creating wax figures and the artistic skills involved. Students will create their own mini wax figures or portraits as a creative extension.
- **Post-Trip Reflection and Discussion:** Conclude with a reflection on the experiences of the day. Discuss connections between the attractions and academic concepts, and reflect on what was learned about observation, marine biology, and history.

Field Trip Title: **Economics Explorers: Field Trip to the Federal Reserve**

Age Group: Ages 11-up

Field Trip Overview: Economics Explorers is an educational field trip designed to introduce students to the functions and significance of the Federal Reserve System. This class integrates core academic concepts from economics, mathematics, and social studies, offering a hands-on learning experience at one of the nation's key financial institutions. Through interactive exhibits, guided tours, and engaging activities, students will gain insights into economic principles, monetary policy, and the role of central banking.

Objectives:

- **Economics and Monetary Policy:** Understand the role of the Federal Reserve in managing the nation's monetary policy, including controlling inflation, regulating interest rates, and overseeing the banking system.
- **Mathematical Analysis:** Apply mathematical concepts such as interest rates, inflation calculations, and economic data analysis to understand the impact of Federal Reserve policies on the economy.
- **Social Studies:** Explore the history and functions of the Federal Reserve, including its impact on the national and global economy. Students will learn about the structure of the Federal Reserve and its role in economic stability and growth.
- **Critical Thinking and Problem-Solving:** Enhance critical thinking skills through interactive discussions and activities related to economic decision-making and policy analysis. Students will evaluate real-world scenarios and consider the effects of different monetary policies.

Field Trip Structure:

- **Pre-Trip Preparation:** Begin with an overview of the Federal Reserve System, its functions, and its impact on the economy. Review the schedule, learning objectives, and safety procedures for the visit.

- **Federal Reserve Tour:**

    - **Guided Tour:** Participate in a guided tour of the Federal Reserve facility, including exhibits and interactive displays that explain the history, structure, and functions of the Federal Reserve.
    - **Interactive Exhibits:** Engage with exhibits that illustrate key concepts such as monetary policy, currency production, and economic indicators. Students will have the opportunity to ask questions and discuss their observations with knowledgeable staff.
- **Economic Principles Workshop:**

    - **Workshop Activity:** Participate in a hands-on workshop focused on key economic principles such as inflation, interest rates, and monetary policy. Students will work in groups to solve problems, analyze data, and discuss the impact of Federal Reserve decisions on the economy.
    - **Mathematical Exercise:** Apply mathematical concepts to analyze economic data provided during the workshop. Students will calculate interest rates, inflation rates, and other economic indicators based on real-world examples.
- **Discussion and Reflection:**

- **Group Discussion:** Reflect on the experiences of the visit and discuss how the Federal Reserve's policies impact everyday life and the economy. Students will share their insights and consider the broader implications of monetary policy.
- **Wrap-Up:** Conclude with a summary of key learnings and a review of how the field trip connected to core academic concepts in economics, mathematics, and social studies.

Class Title: **Financial IQ: BHCFL Financial Literacy Class**

Age Group: Ages 11-up

Class Overview: Financial IQ is an interactive and educational class designed to equip students with essential financial literacy skills. This class integrates core academic concepts from mathematics, economics, and social studies, offering a comprehensive introduction to personal finance and economic decision-making. Through practical activities, real-world scenarios, and engaging discussions, students will develop a strong foundation in managing money, understanding financial systems, and making informed financial decisions.

Objectives:

- **Personal Finance:** Teach students the fundamentals of budgeting, saving, investing, and managing expenses. Students will learn how to create and manage a personal budget, set financial goals, and understand the importance of savings and investment.
- **Mathematical Application:** Apply mathematical concepts such as interest rates, compound interest, and financial calculations to real-world scenarios. Students will engage in activities related to financial planning, loan calculations, and investment growth.
- **Economic Principles:** Explore basic economic principles such as supply and demand, market economies, and the role of financial institutions. Students will understand how economic factors influence personal finance and financial decision-making.
- **Critical Thinking and Problem-Solving:** Develop critical thinking skills through interactive scenarios and case studies related to financial decision-making. Students will analyze financial situations, evaluate options, and consider the impact of different choices on their financial well-being.

Class Structure:

- **Introduction to Financial Literacy:** Begin with an overview of financial literacy concepts, including the importance of personal finance, budgeting, and savings. Discuss the learning objectives and schedule for the class.

- **Budgeting and Saving Workshop:**

    - **Budgeting Activity:** Learn how to create a personal budget, track income and expenses, and set financial goals. Students will work on practical exercises to develop and manage their own budgets.
    - **Saving Strategies:** Explore different saving strategies and the benefits of setting aside money for future needs. Discuss the concept of an emergency fund and long-term savings goals.
- **Investment and Interest Calculation:**
    - **Investment Basics:** Introduce students to basic investment concepts, including types of investments (stocks, bonds, savings accounts) and the concept of compound interest.
    - **Mathematical Activity:** Engage in activities to calculate interest, evaluate investment growth, and understand the impact of different investment strategies on financial goals.
- **Economic Principles and Financial Institutions:**
    - **Economic Concepts:** Discuss basic economic principles such as supply and demand, market economies, and how financial institutions (banks, credit unions) operate.
    - **Interactive Activity:** Participate in a simulation or role-playing activity to understand how financial institutions work and the impact of economic factors on personal finance.
- **Critical Thinking and Financial Decision-Making:**
    - **Case Studies:** Analyze real-world financial scenarios and case studies. Students will work in groups to evaluate financial decisions, consider options, and make informed choices.
    - **Reflection and Discussion:** Reflect on what was learned about personal finance, budgeting, and investment. Discuss how these concepts apply to everyday life and future financial planning.

Field Trip Title: **Ballet in Action: Orlando Ballet Performance**

Age Group: Pre-K thru 12th grade

Field Trip Overview: Ballet in Action is an immersive class designed to integrate the arts with core academic concepts through an engaging field trip to a live Orlando Ballet performance. This class combines elements of performing arts, literature, history, and mathematics to offer students a well-rounded educational experience. Students will gain insights into the art of ballet, explore narrative and thematic elements of dance, and connect these experiences to their academic studies.

Objectives:

- **Performing Arts:** Understand the fundamentals of ballet as a performing art form, including its history, techniques, and stylistic elements. Students will observe and analyze the artistic expression and technical skill involved in ballet performances.
- **Literary Analysis:** Explore the narrative and thematic elements of the ballet performance. Students will analyze the story, characters, and emotions conveyed through dance and how these elements relate to literature and storytelling.
- **Historical Context:** Learn about the historical evolution of ballet and its cultural significance. Students will investigate the origins of ballet, major historical milestones, and its impact on modern performing arts.
- **Mathematical Application:** Apply mathematical concepts to understand aspects of ballet such as choreography patterns, stage design, and timing. Students will engage in activities related to spatial awareness, timing, and measurement within the context of the performance.
- **Critical Thinking and Reflection:** Enhance critical thinking and reflection skills through discussions and activities related to the ballet performance. Students will evaluate the artistic and thematic elements of the performance and discuss its relevance to their academic studies.

Class Structure:

- **Pre-Trip Preparation:** Introduce the ballet performance, including an overview of the production, its narrative, and its historical context. Discuss the learning objectives and review the schedule and expectations for the field trip.

- **Orlando Ballet Performance:**

    - **Performance Viewing:** Attend a live performance by the Orlando Ballet, observing the dance techniques, choreography, and thematic elements. Students will have the opportunity to see professional ballet in action and experience its artistic and emotional impact.
- **Post-Performance Workshop:**

    - **Literary and Artistic Analysis:** Discuss the story and characters of the ballet performance. Analyze how the narrative and emotions were conveyed through dance and compare these elements to literary storytelling.
    - **Historical Context Discussion:** Explore the history of ballet and its significance in the performing arts. Discuss how the performance fits into the broader context of ballet's evolution and cultural impact.
    - **Mathematical Activity:** Engage in activities related to ballet choreography and stage design. Students will calculate spatial arrangements, timing, and other mathematical aspects of the performance.
- **Critical Reflection and Discussion:**

    - **Group Discussion:** Reflect on the experience of the ballet performance and discuss how it relates to academic concepts in literature, history, and mathematics. Students will share their observations, insights, and personal responses to the performance.

- **Wrap-Up:** Conclude with a summary of key learnings and discuss how the experience connects to broader academic themes and real-world applications.

Field Trip Title: Stagecraft Scholars: Youth Field Trip to Live Theatre Performances

Age Group: 8-14 years

Field Trip Overview: Stagecraft Scholars is a dynamic class that combines the excitement of live theatre performances with core academic learning. This class is designed to enhance students' understanding of performing arts while integrating key academic concepts from literature, history, and critical thinking. Through attending live theatre, students will explore narrative structures, character development, historical context, and artistic expression, creating a well-rounded educational experience.

Objectives:

- **Literary Analysis:** Analyze the structure, themes, and character development of the play or performance. Students will explore narrative elements and discuss how storytelling techniques are used in live theatre.
- **Historical Context:** Understand the historical and cultural background of the play or performance. Students will investigate the historical period depicted, the playwright's background, and the impact of the play on society.
- **Theatrical Arts:** Learn about the various elements of theatre production, including set design, costumes, lighting, and acting techniques. Students will gain insights into how these elements contribute to the overall performance.
- **Mathematical Application:** Apply mathematical concepts to understand aspects of theatre production, such as stage dimensions, set design, and timing. Students will engage in activities related to spatial awareness, measurements, and timing within the context of a theatrical performance.
- **Critical Thinking and Reflection:** Develop critical thinking and reflection skills through discussions and activities related to the performance. Students will evaluate artistic choices, themes, and the impact of the performance on the audience.

Class Structure:

- **Pre-Trip Preparation:** Introduce the play or performance, including an overview of its plot, characters, and historical context. Discuss the learning objectives and review the schedule and expectations for the field trip.

- **Live Theatre Performance:**
    - **Performance Viewing:** Attend a live theatre performance, observing the acting, staging, and production elements. Students will experience the energy of live theatre and see how artistic and narrative elements come to life on stage.
- **Post-Performance Workshop :**
    - **Literary and Theatrical Analysis:** Discuss the plot, characters, and themes of the performance. Analyze how the play's narrative and characters were developed and compare these elements to literary storytelling.
    - **Historical Context Discussion:** Explore the historical and cultural context of the play. Discuss how the performance reflects or challenges historical events or social issues.
    - **Mathematical Activity:** Engage in activities related to stage dimensions, set design, or timing. Students will work on practical exercises involving measurements or calculations used in theatre production.
- **Critical Reflection and Discussion:**
    - **Group Discussion:** Reflect on the experience of the theatre performance and discuss its connections to academic concepts. Students will share their observations, insights, and responses to the performance.
    - **Wrap-Up:** Conclude with a summary of key learnings and discuss how the experience connects to broader academic themes and real-world applications.

Class Title: **Youth Emotional Wellness Class**

Grade Levels: 6th - 12th
Meeting Frequency: 4 week sessions
Duration: 45 min per session
Location: BHCFL Homeschool Resource Center

Course Description:

The Youth Emotional Wellness series at Black Homeschoolers of Central Florida, Inc. is designed to help middle and high school students understand and manage their emotions, develop healthy coping mechanisms, and build resilience. This class integrates core academic subjects such as psychology, health education, and social studies to provide a comprehensive approach to emotional well-being. Students will engage in interactive activities, discussions, and projects that foster self-awareness, empathy, and positive relationships.

Key Components:

1. **Understanding Emotions:**

- **Emotional Literacy:** Teach students to identify and name their emotions. Explore the range of human emotions and their functions.
- **The Science of Emotions:** Discuss the psychological and physiological aspects of emotions, including how the brain processes emotions.

2. **Self-Awareness and Reflection:**

   - **Journaling:** Encourage regular journaling to help students reflect on their feelings and experiences.
   - **Mindfulness Practices:** Introduce mindfulness exercises such as deep breathing, meditation, and guided imagery to promote self-awareness.

3. **Healthy Coping Strategies:**

   - **Stress Management:** Provide techniques for managing stress, such as time management, relaxation techniques, and physical activities.
   - **Problem-Solving Skills:** Teach students effective problem-solving and decision-making strategies to handle challenging situations.

4. **Building Resilience:**

   - **Growth Mindset:** Foster a growth mindset by encouraging students to view challenges as opportunities for growth and learning.
   - **Resilience Training:** Engage in activities that build resilience, such as setting and achieving personal goals, developing a support network, and practicing self-compassion.

5. **Communication and Social Skills:**

   - **Effective Communication:** Teach students active listening, assertive communication, and conflict resolution skills.
   - **Empathy and Understanding:** Activities that promote empathy, such as role-playing and group discussions on diverse perspectives and experiences.

6. **Healthy Relationships:**

   - **Building Positive Relationships:** Discuss the characteristics of healthy and unhealthy relationships. Explore topics such as trust, respect, and boundaries.
   - **Peer Support:** Encourage peer support and collaboration through group activities and peer mentoring.

7. **Emotional Regulation:**

   - **Managing Difficult Emotions:** Provide tools for managing intense emotions such as anger, anxiety, and sadness.
   - **Techniques for Emotional Control:** Teach techniques such as cognitive reframing, relaxation exercises, and creative expression.

8. **Mental Health Awareness:**

   - **Understanding Mental Health:** Discuss common mental health issues and their signs and symptoms.
   - **Seeking Help:** Encourage students to seek help when needed and provide information on available resources and support systems.

9. **Integration with Core Academics:**
    - **Psychological Concepts:** Introduce basic concepts from psychology and how they relate to emotional wellness.
    - **Health Education:** Integrate topics from health education, such as the impact of physical health on emotional well-being.
    - **Social Studies:** Explore cultural and societal influences on emotional health and wellness.
10. **Projects and Presentations:**
    - **Personal Wellness Plan:** Guide students in creating a personal wellness plan that includes strategies for maintaining emotional health.
    - **Group Projects:** Engage in group projects that address community emotional wellness issues, such as creating awareness campaigns or peer support programs.
    - **Presentations:** Allow students to present their findings and strategies to the class, fostering public speaking skills and peer learning.

Learning Outcomes:

- Develop a deeper understanding of emotions and their impact on overall well-being.
- Learn and apply healthy coping strategies to manage stress and difficult emotions.
- Build resilience and a growth mindset to navigate challenges.
- Improve communication and social skills for healthier relationships.
- Increase awareness of mental health issues and the importance of seeking help.
- Integrate emotional wellness concepts with core academic subjects for a holistic understanding.

Evaluation:

Students will be assessed based on their participation in class activities, completion of journals and personal wellness plans, engagement in group projects, and presentations. Feedback will be provided to support their ongoing development in emotional wellness.

Join the Youth Emotional Wellness class to enhance your understanding of emotions, develop healthy coping mechanisms, and build resilience for a balanced and fulfilling life.

Class Title: **Children's Emotional Wellness Class**

Grade Levels: K - 5th
Meeting Frequency: 4 week sessions
Duration: 45 min per session
Location: BHCFL Homeschool Resource Center

Course Description:

The Children's Emotional Wellness class at Black Homeschoolers of Central Florida, Inc. is designed to help young students in grades K-5 develop emotional intelligence, self-regulation skills, and positive social interactions. This class integrates core academic subjects such as health education, language arts, and social studies to provide a comprehensive and age-appropriate approach to emotional well-being. Through engaging activities, stories, and discussions, children will learn to understand and manage their emotions, build empathy, and foster positive relationships.

Key Components:

1. **Understanding Emotions:**
    - **Emotional Identification:** Teach children to recognize and name different emotions using visual aids, stories, and games.
    - **Feelings Chart:** Use a feelings chart to help students express how they are feeling each day.
2. **Self-Awareness and Reflection:**
    - **Journaling:** Encourage simple journaling or drawing to help children reflect on their feelings and experiences.
    - **Mindfulness Practices:** Introduce age-appropriate mindfulness exercises such as deep breathing, guided imagery, and simple meditation techniques.
3. **Healthy Coping Strategies:**
    - **Stress Management:** Provide techniques for managing stress, such as physical activities, art, and music.
    - **Problem-Solving Skills:** Teach basic problem-solving skills through role-playing and storytelling.
4. **Building Resilience:**
    - **Growth Mindset:** Encourage a growth mindset by teaching children that mistakes are opportunities to learn and grow.
    - **Resilience Activities:** Engage in activities that build resilience, such as setting small goals and celebrating achievements.
5. **Communication and Social Skills:**
    - **Effective Communication:** Teach children basic communication skills, including how to listen actively and express themselves clearly.
    - **Empathy and Understanding:** Activities that promote empathy, such as sharing and cooperative games.
6. **Healthy Relationships:**
    - **Building Positive Relationships:** Discuss the qualities of friendship and the importance of kindness, respect, and teamwork.
    - **Peer Interaction:** Encourage positive peer interactions through group activities and collaborative projects.
7. **Emotional Regulation:**

- **Managing Difficult Emotions:** Provide tools for managing strong emotions like anger and frustration, such as calming techniques and creative expression.
- **Emotion Regulation Techniques:** Teach techniques such as counting to ten, taking deep breaths, and using "calm down" corners.

8. **Mental Health Awareness:**

   - **Understanding Mental Health:** Introduce the concept of mental health in a simple and age-appropriate way.
   - **Seeking Help:** Encourage children to seek help from trusted adults when they are feeling overwhelmed or upset.

9. **Integration with Core Academics:**

   - **Language Arts:** Use stories and books that explore emotional themes and promote discussions about feelings and relationships.
   - **Health Education:** Integrate topics from health education, such as the importance of physical health for emotional well-being.
   - **Social Studies:** Explore cultural and societal influences on emotions and relationships through simple, age-appropriate activities.

10. **Projects and Activities:**

    - **Emotion Art Projects:** Engage children in art projects that express emotions and feelings.
    - **Group Games and Activities:** Use group games and activities to teach cooperation, empathy, and social skills.
    - **Storytelling and Role-Playing:** Incorporate storytelling and role-playing to help children understand and practice emotional regulation and social interactions.

Learning Outcomes:

- Develop an understanding of different emotions and how to express them appropriately.
- Learn and apply basic coping strategies to manage stress and strong emotions.
- Build resilience and a positive mindset to navigate challenges.
- Improve communication and social skills for healthier relationships.
- Increase awareness of the importance of mental health and seeking help.
- Integrate emotional wellness concepts with core academic subjects for a holistic understanding.

Evaluation:

Students will be assessed based on their participation in class activities, engagement in discussions, completion of journals or art projects, and demonstration of social and emotional skills. Feedback will be provided to support their ongoing development in emotional wellness.

Join the Children's Emotional Wellness class to enhance your understanding of emotions, develop healthy coping mechanisms, and build positive relationships for a balanced and fulfilling life.

Program #7: COMMUNITY SERVICE

Course Title: **Community Champions: BHCFL Community Service Projects**

Age Group: Pre-K thru 12th grade

Course Overview: Community Champions: BHCFL Community Service Projects is an inspiring and educational program designed to engage young students in meaningful community service projects while integrating core academic subjects. This class combines hands-on service activities with lessons in social studies, mathematics, and language arts. Through planning and executing community service projects, students will develop civic responsibility, apply academic knowledge to real-world issues, and gain valuable skills in leadership and teamwork.

Objectives:

- **Civic Responsibility and Community Engagement:** Teach students the importance of community service and civic responsibility. Students will learn to identify community needs and develop projects that address these needs.
- **Social Studies Integration:** Explore concepts related to social studies, including community structures, social issues, and the role of nonprofits and government agencies. Students will understand how their service projects fit into broader social contexts.
- **Mathematical Application:** Apply mathematical concepts such as budgeting, data collection, and statistical analysis to plan and evaluate service projects. Students will manage resources and measure project impacts.
- **Language Arts Development:** Develop skills in writing and communication by creating project proposals, reports, and presentations. Students will practice persuasive writing and effective communication with community stakeholders.
- **Leadership and Teamwork:** Enhance leadership and teamwork skills through collaborative project planning and execution. Students will work together to achieve common goals and reflect on their experiences.

Class Structure:

- **Introduction and Planning:** Begin each session with an overview of the day's focus and objectives. Discuss community needs and brainstorm potential service projects. Provide guidance on project planning and organization.
- **Project Development:** Guide students in developing their service projects, including defining goals, creating action plans, and assigning roles. Support students in applying mathematical and social studies concepts to their projects.
- **Language Arts Integration:** Incorporate writing and communication activities, such as drafting project proposals, creating informational materials, and preparing presentations. Provide feedback and practice opportunities.

- **Project Execution:** Implement and manage service projects, including organizing events, engaging with community members, and tracking progress. Provide hands-on support and monitor project outcomes.
- **Reflection and Evaluation:** Conclude with a reflection on what was learned, encouraging students to share their experiences and insights. Evaluate project impacts and discuss areas for improvement.

Youth Clubs

Club Title: Science Club

Grade Levels: Pre-K - 12th
Meeting Frequency: Bi-Weekly
Duration: 1 hours per session
Location: BHCFL Homeschool Resource Center and various field locations

Course Description:

The Science Club at Black Homeschoolers of Central Florida, Inc. offers a dynamic and engaging program designed to inspire curiosity and foster a love for science in students from Pre-K through 12th grade. This club provides hands-on activities, experiments, and projects that align with core academic standards in science, promoting critical thinking, problem-solving, and a deeper understanding of the natural world.

Key Components:

1. **Hands-On Experiments:**
    - Students will engage in experiments covering various branches of science such as chemistry, biology, physics, and earth science. Each experiment is designed to reinforce core scientific concepts and principles.
2. **Scientific Method:**
    - Emphasis will be placed on understanding and applying the scientific method. Students will learn how to formulate hypotheses, conduct experiments, collect data, and draw conclusions.
3. **Thematic Units:**
    - The club will explore different scientific themes each month, such as ecosystems, the human body, space exploration, and renewable energy. These thematic units will provide a comprehensive look at each topic, integrating knowledge across different scientific disciplines.

4. **Field Trips and Outdoor Activities:**
    - Regular field trips to science museums, nature reserves, and research facilities will complement classroom activities. Outdoor activities will include nature walks, astronomy nights, and ecological surveys, allowing students to observe and study science in real-world settings.
5. **Guest Speakers and Workshops:**
    - The club will host guest speakers, including scientists, engineers, and medical professionals, to provide insights into various scientific careers and current research. Interactive workshops will offer additional hands-on learning experiences.
6. **STEM Projects:**
    - Students will participate in STEM (Science, Technology, Engineering, and Mathematics) projects that encourage creativity and innovation. Projects may include building simple machines, creating model ecosystems, or developing renewable energy solutions.
7. **Science Fair Preparation:**
    - The club will assist students in preparing for BHCFL's Science & Geography Fair and other local/regional fairs and competitions. Guidance will be provided on selecting research topics, conducting experiments, and presenting findings effectively.
8. **Collaboration and Teamwork:**
    - Activities will promote collaboration and teamwork, allowing students to work together on experiments and projects. This fosters a sense of community and helps develop communication and leadership skills.

Learning Outcomes:

- Develop a solid foundation in core scientific concepts and principles.
- Enhance critical thinking and problem-solving skills through experimental design and data analysis.
- Gain hands-on experience in various scientific disciplines.
- Learn to apply the scientific method to real-world problems and questions.
- Foster a lifelong curiosity and enthusiasm for science.
- Improve collaboration and teamwork abilities.
- Prepare for participation in science fairs and other academic competitions.

Evaluation:

Students will be assessed based on participation, engagement in activities, completion of experiments and projects, and their ability to apply scientific concepts in practical settings. Feedback will be provided to help students improve and grow in their scientific understanding.

Join the Science Club and embark on an exciting journey of discovery, innovation, and exploration in the fascinating world of science!

Club Title: Page Turners: BHCFL Youth Book Club

Age Group: Ages 8-up

Club Overview: Page Turners: BHCFL Youth Book Club is a dynamic and educational program designed to foster a love for reading while integrating core academic subjects. This book club combines engaging reading selections with activities that enhance language arts, critical thinking, and social-emotional learning. Through interactive discussions, creative projects, and literary analysis, children will develop reading comprehension skills, expand their vocabulary, and connect their reading experiences to broader academic concepts.

Objectives:

- **Reading Comprehension:** Improve reading comprehension through interactive discussions and analysis of selected books.
- **Vocabulary and Language Arts:** Enhance vocabulary and language arts skills by exploring new words, sentence structures, and literary devices used in the texts.
- **Critical Thinking:** Develop critical thinking and analytical skills by examining plot, character development, and themes in the books.
- **Social-Emotional Learning:** Foster empathy and understanding through discussions on character experiences and moral lessons.
- **Interdisciplinary Learning:** Connect reading to core academic subjects such as history (contextual understanding), science (exploration of scientific themes), and social studies (cultural and social issues).

Club Structure:

- **Reading and Discussion:** Engage in reading selected chapters or sections together, followed by group discussions. Focus on comprehension, character analysis, and thematic elements.
- **Creative and Critical Activities:** Participate in activities that relate to the book, such as creative writing, art projects, or role-playing. Incorporate exercises that encourage critical thinking and personal reflection.
- **Interdisciplinary Integration:** Connect themes from the book to other academic subjects through interdisciplinary activities. Explore historical contexts, scientific concepts, or social issues relevant to the reading material.
- **Reflection and Sharing:** Conclude with a reflection on what was learned, encouraging students to share their insights, favorite parts of the book, and personal connections.

Club Title: Art Club

Grade Levels: Pre-K - 12th
Meeting Frequency: Bi-Weekly

Duration: 1 hours per session
Location: BHCFL Homeschool Resource Center

Course Description:

The Art Club at Black Homeschoolers of Central Florida, Inc. offers a creative and inspiring environment for students from Pre-K through 12th grade to explore various forms of visual art. This club provides hands-on art activities that align with core academic standards, promoting creativity, critical thinking, and an appreciation for artistic expression.

Key Components:

1. **Drawing and Painting:**
    - Students will learn fundamental techniques in drawing and painting using various mediums such as pencils, charcoal, watercolors, acrylics, and oils. Lessons will cover concepts like perspective, shading, color theory, and composition.
2. **Art History and Appreciation:**
    - Each session will include a brief introduction to different art movements, famous artists, and their works. Students will study and discuss art from various cultures and historical periods, fostering a deeper appreciation for the diversity and evolution of art.
3. **Sculpture and 3D Art:**
    - Activities will include working with clay, papier-mâché, and other materials to create three-dimensional artworks. Students will learn about form, texture, and spatial relationships while developing their sculpting skills.
4. **Printmaking and Mixed Media:**
    - The club will explore various printmaking techniques such as linocut, monoprint, and screen printing. Mixed media projects will encourage students to combine different materials and techniques to create unique and expressive works of art.
5. **Digital Art and Graphic Design:**
    - Older students will have the opportunity to explore digital art and graphic design using software tools. Lessons will cover basic graphic design principles, digital illustration, and the use of technology in creating art.
6. **Collaborative Projects:**
    - The club will engage in collaborative art projects such as murals, group installations, and community art pieces. These projects will promote teamwork, communication, and the sharing of creative ideas.
7. **Art Exhibitions and Showcases:**
    - Students will prepare and display their artwork in periodic exhibitions and showcases. These events will provide an opportunity for students to present their

work to the community, receive feedback, and celebrate their artistic achievements.

8. **Guest Artists and Workshops:**
    - The club will host guest artists who will conduct workshops and demonstrations, providing students with exposure to different artistic styles and techniques. These sessions will inspire students and offer insights into the professional art world.
9. **Art Critiques and Discussions:**
    - Regular critiques and discussions will help students develop their ability to analyze and interpret art. Constructive feedback from peers and instructors will guide students in refining their skills and expressing their artistic vision.
10. **Cross-Curricular Integration:**
    - Art projects will integrate themes from other academic subjects such as science, history, and literature. This cross-curricular approach will enhance students' understanding of how art connects to broader academic concepts.

Learning Outcomes:

- Develop technical skills in various artistic mediums and techniques.
- Gain an understanding and appreciation of art history and diverse cultural art forms.
- Enhance creativity and self-expression through individual and collaborative projects.
- Build critical thinking and analytical skills through art critiques and discussions.
- Foster teamwork and communication skills through collaborative art activities.
- Experience the process of preparing and presenting artwork in exhibitions.
- Explore digital art and graphic design principles and tools.

Evaluation:

Students will be assessed based on their participation, engagement in activities, completion of projects, and ability to demonstrate learned techniques and concepts. Feedback will be provided to support continuous improvement and artistic growth.

Join the Art Club to explore your creativity, learn new techniques, and appreciate the rich world of visual arts in a supportive and inspiring environment!

Club Title: Gaming Club

Grade Levels: Pre-K - 12th
Meeting Frequency: Bi-Weekly
Duration: 1.5 hours per session
Location: BHCFL Homeschool Resource Center and online platforms

Course Description:

The Gaming Club at Black Homeschoolers of Central Florida, Inc. offers a unique blend of fun and education for students from Pre-K through 12th grade. This club leverages the engaging nature of video games to enhance learning in core academic areas, promote critical thinking, and foster social skills. Through a variety of gaming activities, students will explore concepts in mathematics, science, history, language arts, and more, while developing teamwork and strategic thinking skills.

Key Components:

1. **Educational Games:**
    - Students will play educational games that reinforce core academic skills. Games will be selected to cover subjects such as math (e.g., "Math Blaster"), science (e.g., "Kerbal Space Program"), history (e.g., "Civilization"), and language arts (e.g., "Wordscapes").
2. **Game-Based Learning Projects:**
    - The club will integrate game-based learning projects where students create presentations, reports, or dioramas based on the educational content they explore in games. This helps in applying game knowledge to real-world academic tasks.
3. **Coding and Game Design:**
    - Older students will be introduced to basic coding and game design using platforms like Scratch, Roblox Studio, or Unity. They will learn programming concepts and create their own simple games, enhancing their understanding of technology and computer science.
4. **Strategy and Problem-Solving:**
    - Strategy games such as chess, "Minecraft," and "Portal" will be used to develop critical thinking, planning, and problem-solving skills. Students will work on in-game challenges that require logical reasoning and strategic planning.
5. **Historical and Cultural Games:**
    - Games that focus on historical events and cultural exploration, like "Assassin's Creed" or "Oregon Trail," will be played to teach students about different time periods, cultures, and significant historical figures.
6. **Collaborative and Team-Based Games:**
    - Multiplayer games that require teamwork and collaboration, such as "Overwatch" or "Rocket League," will be included to promote communication, cooperation, and social skills. Students will learn to work together to achieve common goals.
7. **Game Analysis and Discussions:**
    - Regular discussions and analyses of games will help students understand game mechanics, storylines, and educational content. They will learn to articulate their thoughts, critique game elements, and engage in meaningful conversations.
8. **Guest Speakers and Workshops:**

- The club will invite game developers, educators, and industry professionals to conduct workshops and talks. These sessions will provide insights into the gaming industry, career opportunities, and the educational potential of games.

9. **Esports and Competitions:**
    - Students will have the opportunity to participate in friendly esports competitions and tournaments. These events will encourage healthy competition, sportsmanship, and goal-setting.
10. **Cross-Curricular Integration:**
    - Gaming activities will be integrated with other academic subjects. For example, students might play a science-based game and then conduct a related experiment, or explore a historical game followed by a research project on the period.

Learning Outcomes:

- Reinforce core academic skills through engaging and educational games.
- Develop critical thinking, problem-solving, and strategic planning abilities.
- Gain an understanding of basic coding and game design principles.
- Enhance teamwork, communication, and social interaction skills.
- Foster an appreciation for history and cultural diversity through gaming.
- Improve articulation and analytical skills through game discussions and critiques.
- Explore potential career opportunities in the gaming and technology industries.

Evaluation:

Students will be assessed based on their participation, engagement in gaming activities, completion of game-based projects, and ability to demonstrate critical thinking and problem-solving skills. Feedback will be provided to support continuous improvement and learning.

Join the Youth Gaming Club to explore the educational potential of games, develop important academic and social skills, and have fun in a supportive and interactive environment!

Club Title: BHCFL Gardening and Food Canning Club

Grade Levels: Pre-K - 12th
Meeting Frequency: Bi-Weekly
Duration: 1.5 hours per session
Location: BHCFL Community Garden and Homeschool Resource Center

Course Description:

The BHCFL Gardening and Food Canning Club at Black Homeschoolers of Central Florida, Inc. offers an enriching and hands-on program for students from Pre-K through 12th grade. This club integrates gardening and food preservation activities with core academic subjects, promoting

environmental stewardship, self-sustainability, and healthy living. Students will engage in practical gardening, learn about plant biology, and master food canning techniques, while also exploring concepts in science, math, and nutrition.

Key Components:

1. **Introduction to Gardening:**
    - Students will learn the basics of gardening, including soil preparation, planting, watering, and weeding. They will study different types of plants and their growth cycles, focusing on vegetables, herbs, and flowers.
2. **Plant Biology and Ecology:**
    - Lessons will cover plant anatomy, photosynthesis, and the role of plants in ecosystems. Students will explore topics such as pollination, composting, and the importance of biodiversity.
3. **Math in the Garden:**
    - Gardening activities will incorporate mathematical concepts such as measurement, geometry, and data analysis. Students will measure plant growth, calculate garden plots, and track planting schedules.
4. **Nutrition and Healthy Eating:**
    - The club will emphasize the nutritional benefits of home-grown produce. Students will learn about vitamins, minerals, and the importance of a balanced diet. They will also prepare simple recipes using garden-fresh ingredients.
5. **Food Canning and Preservation:**
    - Students will be introduced to the principles of food preservation, including canning, pickling, and drying. They will learn about food safety, hygiene, and the science behind preserving food.
6. **Hands-On Canning Workshops:**
    - Practical workshops will guide students through the steps of canning fruits, vegetables, and jams. They will learn to sterilize jars, prepare produce, and safely seal and store canned goods.
7. **Environmental Stewardship:**
    - The club will promote sustainable gardening practices such as organic gardening, water conservation, and recycling. Students will understand the environmental impact of their actions and how to garden responsibly.
8. **Seasonal Gardening Projects:**
    - Gardening activities will be aligned with the seasons, including planting spring vegetables, maintaining a summer garden, harvesting fall crops, and preparing the garden for winter. Each season will bring new learning opportunities and projects.
9. **Community Service and Outreach:**

- Students will participate in community service projects such as maintaining a community garden, donating produce to local food banks, and teaching gardening skills to others. These activities will foster a sense of community and responsibility.

10. **Field Trips and Guest Speakers:**

    - The club will organize field trips to local farms, botanical gardens, and farmers' markets. Guest speakers such as horticulturists, nutritionists, and food preservation experts will provide additional insights and knowledge.

Learning Outcomes:

- Understand the basics of gardening and plant biology.
- Develop practical skills in planting, maintaining, and harvesting a garden.
- Gain knowledge of nutritional benefits and healthy eating habits.
- Master food preservation techniques including canning and pickling.
- Apply mathematical concepts in real-world gardening scenarios.
- Foster environmental stewardship and sustainable practices.
- Participate in community service and outreach activities.
- Enhance teamwork, responsibility, and self-sustainability skills.

Evaluation:

Students will be assessed based on their participation, engagement in gardening and canning activities, completion of projects, and ability to demonstrate understanding of core academic concepts. Feedback will be provided to support continuous improvement and learning.

Join the Youth Gardening and Food Canning Club to cultivate your green thumb, learn valuable life skills, and enjoy the fruits of your labor in a fun and educational setting!

Club Title: Youth Math Club

Grade Levels: Pre-K - 12th
Meeting Frequency: Bi-Weekly
Duration: 1.5 hours per session
Location: BHCFL Homeschool Resource Center

Course Description:

The Youth Math Club at Black Homeschoolers of Central Florida, Inc. offers a stimulating and supportive environment for students from Pre-K through 12th grade to enhance their mathematical skills and understanding. This club provides a variety of engaging activities that align with core academic standards, promoting logical reasoning, problem-solving abilities, and a love for mathematics. Through hands-on projects, games, and collaborative learning, students will explore mathematical concepts and applications in a fun and interactive way.

Key Components:

1. **Foundational Math Skills:**
    - Students will reinforce basic math skills such as addition, subtraction, multiplication, and division through interactive activities and practice exercises. Younger students will use manipulatives and visual aids to grasp fundamental concepts.
2. **Advanced Math Topics:**
    - The club will cover advanced topics appropriate for older students, including algebra, geometry, trigonometry, and calculus. Lessons will be designed to deepen understanding and challenge students at their respective levels.
3. **Math Games and Puzzles:**
    - Engaging math games and puzzles will make learning fun and interactive. Activities such as Sudoku, math bingo, and logic puzzles will enhance problem-solving skills and promote critical thinking.
4. **Real-World Applications:**
    - Students will explore how math is used in real-world scenarios, such as budgeting, cooking, architecture, and engineering. Projects will demonstrate the practical applications of mathematical concepts in everyday life.
5. **Math Competitions and Challenges:**
    - The club will organize friendly math competitions and challenges to foster a spirit of healthy competition. Students will participate in activities like math relays, trivia contests, and problem-solving tournaments.
6. **Collaborative Learning:**
    - Group activities and projects will encourage teamwork and communication. Students will work together to solve complex problems, share strategies, and learn from each other.
7. **STEM Integration:**
    - Math will be integrated with other STEM subjects (Science, Technology, Engineering, and Mathematics). Projects such as building structures, coding, and conducting experiments will highlight the interconnectedness of these disciplines.
8. **Guest Speakers and Workshops:**
    - The club will invite mathematicians, engineers, and other professionals to conduct workshops and talks. These sessions will provide insights into math-related careers and inspire students to pursue further studies in mathematics.
9. **Test Preparation:**
    - Students will receive guidance and practice for standardized tests, including SAT, ACT, and other math assessments. Test-taking strategies and review sessions will help students build confidence and improve their performance.
10. **Math Journals:**

- Students will maintain math journals to record their learning progress, solve problems, and reflect on their mathematical thinking. This practice will reinforce concepts and encourage continuous improvement.

Learning Outcomes:

- Develop a strong foundation in basic and advanced math skills.
- Enhance problem-solving and critical thinking abilities through interactive activities.
- Understand real-world applications of mathematical concepts.
- Foster a love for mathematics through engaging and fun activities.
- Improve teamwork and communication skills through collaborative projects.
- Gain confidence in test-taking and mathematical reasoning.
- Explore potential career paths in math-related fields.

Evaluation:

Students will be assessed based on their participation, engagement in activities, completion of projects, and ability to demonstrate understanding of mathematical concepts. Feedback will be provided to support continuous improvement and learning.

Join the Youth Math Club to strengthen your math skills, explore real-world applications, and discover the joy of mathematics in a supportive and interactive environment!

Club Title: Youth Book Club

Grade Levels: Pre-K - 12th
Meeting Frequency: Bi-weekly
Duration: 1.5 hours per session
Location: BHCFL Homeschool Resource Center

Course Description:

The Youth Book Club at Black Homeschoolers of Central Florida, Inc. provides an engaging and interactive environment for students from Pre-K through 12th grade to foster a love for reading, enhance literacy skills, and explore diverse literature. This club aligns with core academic standards, promoting critical thinking, comprehension, and effective communication. Through reading, discussions, and related activities, students will develop a deeper appreciation for literature and improve their reading abilities.

Key Components:

1. **Reading and Comprehension:**

- Students will read a variety of books appropriate for their grade levels, including fiction, non-fiction, poetry, and plays. Emphasis will be placed on comprehension, vocabulary development, and understanding literary elements.

2. **Discussion and Analysis:**
   - Each session will include guided discussions about the current book. Students will analyze themes, characters, plot, and setting, and discuss their interpretations and opinions. This will enhance their critical thinking and analytical skills.
3. **Literary Genres and Themes:**
   - The club will explore different literary genres such as mystery, science fiction, fantasy, historical fiction, and biographies. Themes such as friendship, courage, diversity, and justice will be examined through the selected readings.
4. **Author Studies:**
   - Students will learn about the lives and works of various authors. Author studies will provide insights into the authors' backgrounds, writing styles, and the historical and cultural contexts of their works.
5. **Creative Activities:**
   - The club will incorporate creative activities related to the readings, such as writing book reviews, creating artwork, designing alternate book covers, and composing their own stories or poems inspired by the books.
6. **Reading Aloud and Dramatic Interpretation:**
   - Younger students will participate in read-aloud sessions to improve fluency and pronunciation. Older students will engage in dramatic interpretations and role-playing activities to bring the stories to life.
7. **Research and Presentations:**
   - Students will conduct research on topics related to the books they read and present their findings to the group. This will enhance their research skills and ability to convey information effectively.
8. **Guest Speakers and Author Visits:**
   - The club will invite local authors, illustrators, and literary professionals to speak with students. These sessions will provide inspiration, writing tips, and a deeper understanding of the literary world.
9. **Book-Related Field Trips:**
   - Field trips to libraries, bookstores, literary festivals, and historic sites related to the books will enrich students' learning experiences and connect them with the broader literary community.
10. **Cross-Curricular Integration:**
    - Reading selections will be integrated with other academic subjects such as history, science, and social studies. This cross-curricular approach will deepen students'

understanding of the material and highlight the connections between literature and other areas of study.

Learning Outcomes:

- Develop strong reading and comprehension skills.
- Enhance critical thinking and analytical abilities through literary analysis.
- Foster a love for reading and an appreciation for diverse literature.
- Improve communication skills through discussions and presentations.
- Gain knowledge about different literary genres, themes, and authors.
- Cultivate creativity through related activities and projects.
- Experience the connection between literature and other academic subjects.
- Explore potential career paths in writing, publishing, and related fields.

Evaluation:

Students will be assessed based on their participation, engagement in discussions, completion of related activities, and ability to demonstrate comprehension and analytical skills. Feedback will be provided to support continuous improvement and enjoyment of reading.

Join the Youth Book Club to embark on literary adventures, deepen your understanding of diverse books, and share the joy of reading in a supportive and stimulating environment!

Club Title: Youth Science National Honor Society Activities

Grade Levels: 9th - 12th
Meeting Frequency: Bi-weekly
Duration: 1 hours per session
Location: BHCFL Homeschool Resource Center

Course Description:

The Youth Science National Honor Society (SNHS) at Black Homeschoolers of Central Florida, Inc. is designed for high school students who demonstrate excellence in the sciences and a commitment to academic achievement. This prestigious society provides opportunities for students to deepen their scientific knowledge, engage in research, and promote science education within the community. Activities align with core academic standards, fostering critical thinking, collaboration, and leadership skills.

Key Components:

1. **Advanced Scientific Studies:**

- Students will explore advanced topics in biology, chemistry, physics, and environmental science. They will engage in hands-on experiments, laboratory work, and scientific research projects.

2. **Research and Experimentation:**
   - Members will design and conduct their own research projects, employing the scientific method. They will present their findings through written reports, presentations, and at science fairs or competitions.
3. **Guest Lectures and Workshops:**
   - The SNHS will host guest lectures and workshops led by scientists, researchers, and industry professionals. These sessions will provide insights into various scientific fields, current research, and career opportunities.
4. **Community Outreach and Education:**
   - Students will participate in community outreach initiatives, such as organizing science camps, workshops, and tutoring sessions for younger students. This promotes science literacy and encourages interest in STEM among the broader community.
5. **Field Trips and Site Visits:**
   - The club will organize field trips to research institutions, laboratories, museums, and science centers. These visits will enhance students' understanding of scientific applications and expose them to real-world science environments.
6. **Scientific Literature and Journal Club:**
   - Members will read and discuss scientific literature and journal articles. This will help them stay informed about recent scientific advancements and develop skills in critical reading and analysis.
7. **Competitions and Conferences:**
   - Students will have the opportunity to participate in science competitions, fairs, and conferences at local, regional, and national levels. These events will allow them to showcase their research, network with peers, and gain recognition for their achievements.
8. **Environmental and Sustainability Projects:**
   - The club will engage in projects focused on environmental conservation and sustainability. Activities may include clean-up drives, tree planting, recycling programs, and initiatives to promote renewable energy.
9. **Mentorship and Leadership Development:**
   - Senior members will mentor junior members, providing guidance on research projects and academic planning. Leadership workshops will help students develop skills in project management, public speaking, and team collaboration.
10. **Ethics in Science:**

- Discussions and workshops on ethics in science will be conducted, covering topics such as scientific integrity, research ethics, and the societal impact of scientific advancements.

Learning Outcomes:

- Gain advanced knowledge and understanding of scientific principles and concepts.
- Develop research skills, including designing experiments, collecting data, and analyzing results.
- Enhance critical thinking and problem-solving abilities through scientific inquiry.
- Improve communication skills through presentations, reports, and community outreach.
- Foster leadership and mentorship qualities.
- Promote science education and literacy within the community.
- Understand the ethical considerations and societal implications of scientific research.
- Explore potential career paths in scientific fields.

Evaluation:

Students will be assessed based on their participation, engagement in activities, completion of research projects, and ability to demonstrate scientific understanding and critical thinking. Feedback will be provided to support continuous improvement and academic excellence.

Join the Youth Science National Honor Society to advance your scientific knowledge, conduct meaningful research, and make a positive impact on your community through science!

Club Title: Youth Congressional Medal Support Club Activities

Grade Levels: 9th - 12th
Meeting Frequency: Monthly
Duration: 1 hours per session
Location: BHCFL Homeschool Resource Center

Course Description:

The Youth Congressional Medal Support Club at Black Homeschoolers of Central Florida, Inc. is designed to guide and support high school students as they work towards earning the Congressional Award. This prestigious award recognizes initiative, service, and achievement in youth, promoting personal development and community involvement. The club's activities align with core academic standards, encouraging students to set and achieve goals in four key program areas: Voluntary Public Service, Personal Development, Physical Fitness, and Expedition/ Exploration.

Key Components:

1. **Voluntary Public Service:**

- Students will participate in and organize community service projects, such as tutoring, environmental clean-ups, and volunteering at local shelters. These activities foster a sense of responsibility, empathy, and civic engagement.

2. **Personal Development:**
   - Members will set and work towards personal goals in areas such as academic improvement, learning a new skill, or pursuing a hobby. The club will provide workshops and resources to help students develop time management, goal-setting, and self-assessment skills.
3. **Physical Fitness:**
   - The club will encourage students to set and achieve physical fitness goals. Activities will include group fitness sessions, sports, and wellness workshops. Emphasis will be placed on the importance of regular exercise, nutrition, and maintaining a healthy lifestyle.
4. **Expedition/Exploration:**
   - Students will plan and participate in expeditions or explorations, such as hiking trips, camping, or cultural exchanges. These experiences will promote leadership, teamwork, and self-reliance, while broadening students' understanding of the world.
5. **Goal Setting and Planning:**
   - Club meetings will focus on setting achievable goals, creating action plans, and tracking progress. Students will learn techniques for effective goal setting, project planning, and overcoming obstacles.
6. **Mentorship and Peer Support:**
   - Senior members and club advisors will mentor younger students, providing guidance and encouragement. Peer support groups will allow students to share experiences, offer advice, and celebrate each other's successes.
7. **Workshops and Guest Speakers:**
   - The club will host workshops and invite guest speakers to provide insights on various topics related to the Congressional Award program areas. Experts from different fields will inspire and educate students on public service, personal development, fitness, and exploration.
8. **Documentation and Reporting:**
   - Students will learn how to document their activities and progress accurately, a key requirement for the Congressional Award. Workshops will cover record-keeping, report writing, and reflection techniques.
9. **Recognition and Awards:**
   - The club will organize ceremonies to recognize and celebrate the achievements of its members. Students who reach their goals and milestones will be honored, fostering a sense of accomplishment and motivation.

10. **Networking and Collaboration:**

    - Members will have opportunities to network with peers pursuing the Congressional Award, participate in collaborative projects, and engage with the wider Congressional Award community. This will enhance their learning experiences and broaden their perspectives.

Learning Outcomes:

- Develop skills in goal setting, planning, and time management.
- Foster a sense of civic responsibility through voluntary public service.
- Enhance personal growth through the pursuit of individual development goals.
- Improve physical fitness and understand the importance of a healthy lifestyle.
- Gain leadership and teamwork skills through expeditions and explorations.
- Document and reflect on personal achievements and progress.
- Network with peers and mentors, building a supportive community.
- Prepare for the Congressional Award and achieve recognition for personal initiative and achievement.

Evaluation:

Students will be assessed based on their participation, progress towards personal goals, and contributions to club activities. Documentation of their achievements and regular reflections will be used to provide feedback and support continuous improvement.

Join the Youth Congressional Medal Support Club to achieve your goals, serve your community, and earn recognition through the prestigious Congressional Award program!

Club Title: Youth Robotics Club Activities

Grade Levels: 6th - 12th
Meeting Frequency: Weekly
Duration: 1.5 hours per session
Location: BHCFL Homeschool Resource Center

Course Description:

The Youth Robotics Club at Black Homeschoolers of Central Florida, Inc. provides an exciting and interactive environment for middle and high school students to explore the world of robotics. The club's activities are designed to align with core academic standards, promoting STEM (Science, Technology, Engineering, and Mathematics) education through hands-on learning, collaborative projects, and real-world applications. Students will engage in designing, building, and programming robots, enhancing their problem-solving, critical thinking, and teamwork skills.

Key Components:

1. **Introduction to Robotics:**
    - Students will learn the basics of robotics, including the components of robots, types of robots, and their applications in various industries. This foundation will prepare them for more complex projects and concepts.
2. **Engineering and Design:**
    - Members will engage in the engineering design process, from brainstorming and planning to building and testing robots. They will learn about mechanical design, electrical systems, and structural integrity.
3. **Programming and Coding:**
    - Students will be introduced to programming languages and software used in robotics, such as Python, C++, and Blockly. They will write code to control their robots, learning about algorithms, logic, and debugging.
4. **Hands-On Projects:**
    - The club will undertake various hands-on projects, such as building robot arms, line-following robots, and obstacle-avoiding robots. These projects will reinforce theoretical knowledge and provide practical experience.
5. **Competitions and Challenges:**
    - Students will participate in local, regional, and national robotics competitions, such as FIRST Robotics and VEX Robotics. These competitions will challenge their skills, foster a spirit of innovation, and promote teamwork.
6. **Teamwork and Collaboration:**
    - Collaborative projects will require students to work in teams, enhancing their communication and teamwork skills. They will learn to divide tasks, solve problems collectively, and support each other's learning.
7. **Problem-Solving and Critical Thinking:**
    - Members will engage in activities that require critical thinking and problem-solving, such as troubleshooting malfunctioning robots and optimizing robot performance. These skills are essential for success in STEM fields.
8. **Guest Speakers and Workshops:**
    - The club will invite engineers, computer scientists, and robotics professionals to conduct workshops and speak about their careers and current advancements in robotics. These sessions will inspire and educate students about potential career paths.
9. **Field Trips and Site Visits:**

- Students will visit robotics labs, technology companies, and research institutions to see real-world applications of robotics and meet professionals in the field. These trips will provide valuable insights and learning opportunities.

10. **Ethics and Impact of Robotics:**

    - Discussions on the ethical implications and societal impact of robotics will be conducted. Topics will include the future of work, automation, and the role of robots in daily life, encouraging students to think critically about technology's impact on society.

Learning Outcomes:

- Develop a strong understanding of robotics principles and components.
- Gain hands-on experience in designing, building, and programming robots.
- Enhance problem-solving and critical thinking abilities.
- Improve teamwork and collaboration skills through group projects.
- Understand the real-world applications and ethical considerations of robotics.
- Prepare for and participate in robotics competitions.
- Explore potential careers in robotics, engineering, and technology.

Evaluation:

Students will be assessed based on their participation, engagement in projects, ability to work collaboratively, and the functionality and innovation of their robot designs. Feedback will be provided to support continuous improvement and learning.

Join the Youth Robotics Club to dive into the fascinating world of robotics, build innovative projects, and prepare for exciting STEM careers in a fun and supportive environment!

Club Title: Youth Music, Video, & Photography Club Activities

Grade Levels: 6th - 12th
Meeting Frequency: Weekly
Duration: 1.5 hours per session
Location: BHCFL Homeschool Resource Center

Course Description:

The Youth Music, Video, & Photography Club at Black Homeschoolers of Central Florida, Inc. offers an engaging platform for middle and high school students to explore their creative interests in music production, videography, and photography. This club's activities align with

core academic standards, fostering skills in the arts, technology, and communication. Through hands-on projects, collaborative work, and creative expression, students will develop their talents and build a portfolio of work.

Key Components:

1. **Introduction to Music Production:**
    - Students will learn the basics of music theory, sound design, and audio production. They will explore different music genres, understand the fundamentals of songwriting, and use digital audio workstations (DAWs) to create their own music tracks.
2. **Videography and Film Making:**
    - Members will learn about the elements of video production, including scripting, storyboarding, filming, and editing. They will work with cameras, lighting, and editing software to produce short films, documentaries, and music videos.
3. **Photography Techniques:**
    - The club will cover essential photography skills, such as composition, lighting, and post-processing. Students will experiment with different types of photography, including portrait, landscape, and action photography, using both digital and analog cameras.
4. **Creative Projects and Portfolios:**
    - Students will undertake individual and group projects, allowing them to apply their skills and creativity. Projects will include creating music albums, short films, and photo essays. Each student will build a portfolio showcasing their best work.
5. **Software and Tools:**
    - Members will gain proficiency in industry-standard software for music production (e.g., GarageBand, Ableton Live), video editing (e.g., Adobe Premiere Pro, Final Cut Pro), and photo editing (e.g., Adobe Photoshop, Lightroom).
6. **Guest Speakers and Workshops:**
    - The club will invite professional musicians, filmmakers, and photographers to conduct workshops and share their experiences. These sessions will provide valuable insights into the creative industries and inspire students to pursue their artistic goals.
7. **Field Trips and Site Visits:**
    - Students will visit recording studios, film sets, photography studios, and media production companies. These trips will offer real-world insights into the creative process and professional environments.
8. **Critique and Feedback:**

- Regular critique sessions will be held where students present their work and receive constructive feedback from peers and mentors. This process will help them improve their skills and refine their artistic vision.

9. **Exhibitions and Screenings:**
    - The club will organize exhibitions and screenings to showcase students' work to the community. These events will provide a platform for students to present their projects, gain recognition, and celebrate their achievements.
10. **Cross-Curricular Integration:**
    - The activities will integrate with other academic subjects such as history (exploring the evolution of music, film, and photography), English (scriptwriting and storytelling), and technology (using digital tools and software).

Learning Outcomes:

- Develop a solid understanding of music production, videography, and photography.
- Gain hands-on experience with industry-standard tools and software.
- Enhance creative expression and technical skills through projects and portfolios.
- Improve critical thinking and problem-solving abilities through the creative process.
- Build teamwork and collaboration skills through group projects.
- Gain insights into the professional creative industries.
- Develop the ability to give and receive constructive feedback.
- Integrate artistic skills with other academic subjects for a holistic learning experience.

Evaluation:

Students will be assessed based on their participation, engagement in club activities, the quality and creativity of their projects, and their ability to collaborate effectively. Feedback will be provided to support continuous improvement and artistic growth.

Join the Youth Music, Video, & Photography Club to explore your creative passions, develop your skills, and create impressive projects in a supportive and inspiring environment!

Club Title: Youth Sewing Club Activities

Grade Levels: 6th - 12th
Meeting Frequency: Bi-Weekly
Duration: 2 hours per session
Location: BHCFL Homeschool Resource Center

Course Description:

The Youth Sewing Club at Black Homeschoolers of Central Florida, Inc. provides a creative and educational space for middle and high school students to learn and refine sewing skills. This club's activities are designed to align with core academic standards, integrating practical skills with elements of design, mathematics, and technology. Students will engage in hands-on sewing

projects, develop their craftsmanship, and gain a deeper understanding of fabric and fashion while applying core academic concepts.

Key Components:

1. **Introduction to Sewing:**
    - Students will learn the basics of sewing, including the use of sewing machines, hand sewing techniques, and fabric types. They will familiarize themselves with essential sewing tools and safety practices.
2. **Pattern Making and Design:**
    - Members will explore the fundamentals of pattern making, including drafting, altering, and interpreting sewing patterns. They will practice designing and creating their own patterns, enhancing their understanding of garment construction.
3. **Mathematics and Measurements:**
    - The club will integrate mathematical concepts such as measurement, geometry, and proportion into sewing projects. Students will learn to take accurate measurements, calculate fabric requirements, and understand pattern scaling.
4. **Sewing Projects and Construction:**
    - Students will complete a variety of sewing projects, including simple accessories, garments, and home décor items. Projects will range from beginner to advanced levels, allowing students to progressively build their skills.
5. **Textile Science and Fabric Selection:**
    - The club will cover textile science topics, including fabric properties, textile care, and fabric selection. Students will learn about different types of fabrics, their uses, and how to choose appropriate materials for various projects.
6. **Creative Expression and Design:**
    - Students will have opportunities to express their creativity through custom designs and embellishments. They will experiment with different sewing techniques, such as appliqué, embroidery, and fabric painting.
7. **Sustainability and Upcycling:**
    - The club will explore sustainability in fashion by incorporating upcycling and repurposing materials into projects. Students will learn how to transform old garments or fabric scraps into new and useful items.
8. **Guest Speakers and Workshops:**
    - The club will invite professional seamstresses, fashion designers, and textile experts to conduct workshops and share their experiences. These sessions will provide insights into the fashion industry and inspire students to pursue their interests.

9. **Showcase and Exhibition:**
    - Students will participate in showcases and exhibitions to present their completed projects. These events will allow students to display their work, receive feedback, and celebrate their achievements with family and peers.
10. **Integration with Core Academics:**
    - The club's activities will integrate with other academic subjects, such as history (exploring the evolution of fashion), science (understanding textile properties), and language arts (writing design proposals and project reflections).

Learning Outcomes:

- Develop foundational sewing skills and knowledge of sewing tools and techniques.
- Apply mathematical concepts to measurements, pattern making, and fabric calculations.
- Enhance creative design skills through individual and collaborative projects.
- Understand textile science and make informed fabric choices.
- Foster sustainability practices through upcycling and repurposing materials.
- Gain insights into the fashion industry from professionals.
- Build confidence and presentation skills through project showcases.
- Integrate sewing skills with other academic subjects for a comprehensive learning experience.

Evaluation:

Students will be assessed based on their participation, engagement in projects, technical skills, and creativity. Completed projects will be evaluated for craftsmanship, adherence to design, and application of learned concepts. Feedback will be provided to support ongoing development and improvement.

Join the Youth Sewing Club to explore the art of sewing, enhance your creativity, and develop practical skills in a supportive and enriching environment!

Club Title: Youth Future Physicians Club Activities

Grade Levels: 9th - 12th
Meeting Frequency: Bi-weekly
Duration: 1.5 hours per session
Location: BHCFL Homeschool Resource Center

Course Description:

The Youth Future Physicians Club at Black Homeschoolers of Central Florida, Inc. is designed for high school students interested in pursuing careers in medicine and healthcare. This club

provides an academic and hands-on exploration of the medical field, integrating core science concepts with practical medical knowledge. Students will engage in activities that enhance their understanding of human health, medical practices, and the broader healthcare system.

Key Components:

1. **Introduction to Medicine:**
    - Students will gain an overview of the medical field, including different specialties, medical careers, and the education pathways required for becoming a physician. They will learn about the roles and responsibilities of various healthcare professionals.
2. **Basic Human Anatomy and Physiology:**
    - The club will cover fundamental concepts of human anatomy and physiology, including the structure and function of major organ systems. Interactive activities, models, and virtual simulations will help students visualize and understand complex biological systems.
3. **Medical Terminology and Communication:**
    - Members will learn medical terminology, including common terms used in clinical settings and medical documentation. Effective communication skills, including patient interactions and professional language, will be emphasized.
4. **Health and Wellness Topics:**
    - The club will explore topics related to health and wellness, such as nutrition, mental health, and preventive care. Students will discuss strategies for promoting healthy lifestyles and addressing common health issues.
5. **Hands-On Medical Activities:**
    - Students will participate in hands-on activities such as basic first aid, CPR training, and simulated patient interactions. These activities will provide practical experience and enhance their understanding of medical procedures.
6. **Medical Case Studies and Problem-Solving:**
    - Members will analyze medical case studies and engage in problem-solving exercises to develop critical thinking and diagnostic skills. They will work on identifying symptoms, making diagnoses, and proposing treatment plans.
7. **Guest Speakers and Workshops:**
    - The club will invite healthcare professionals, including physicians, nurses, and medical researchers, to conduct workshops and share their experiences. These sessions will provide insights into various medical fields and career opportunities.
8. **Field Trips and Site Visits:**

- Students will visit hospitals, clinics, and medical research facilities to observe real-world medical practices and interact with professionals. These trips will offer practical exposure and deepen their understanding of healthcare environments.

9. **Ethics and Medical Practice:**

    - The club will discuss ethical issues in medicine, including patient confidentiality, informed consent, and medical decision-making. Students will explore the ethical considerations and challenges faced by healthcare professionals.

10. **College and Career Preparation:**

    - Members will receive guidance on preparing for medical school and careers in healthcare, including advice on relevant coursework, extracurricular activities, and application processes. They will also explore various career paths within the medical field.

Learning Outcomes:

- Gain foundational knowledge of medicine, including anatomy, physiology, and medical terminology.
- Develop practical skills through hands-on activities such as first aid and CPR.
- Enhance problem-solving and diagnostic skills through case studies and simulations.
- Understand health and wellness topics and their relevance to preventive care.
- Explore career opportunities in the medical field and learn about educational requirements.
- Build communication skills and professional etiquette relevant to healthcare settings.
- Analyze ethical issues and challenges in medical practice.
- Integrate medical knowledge with core academic subjects for a holistic learning experience.

Evaluation:

Students will be assessed based on their participation, engagement in activities, understanding of medical concepts, and problem-solving abilities. Feedback will be provided to support ongoing development and preparation for future careers in medicine.

Join the Youth Future Physicians Club to explore the world of medicine, develop essential skills, and gain insights into a future career in healthcare in a dynamic and supportive environment!

Club Title: Youth Future Aviators Club Activities

Grade Levels: 9th - 12th
Meeting Frequency: Bi-weekly
Duration: 1.5 hours per session
Location: BHCFL Homeschool Resource Center

Course Description:

The Youth Future Aviators Club at Black Homeschoolers of Central Florida, Inc. offers high school students an immersive experience into the field of aviation. This club blends academic learning with hands-on activities, providing students with insights into the aviation industry, aerodynamics, and the principles of flight. Through a combination of theoretical knowledge, practical skills, and real-world applications, students will explore various aspects of aviation and prepare for potential careers in this exciting field.

Key Components:

1. **Introduction to Aviation:**
    - Students will learn about the history of aviation, different types of aircraft, and the roles of various aviation professionals. The course will cover the basics of aviation, including the principles of flight and the evolution of aviation technology.
2. **Aerodynamics and Flight Mechanics:**
    - Members will study the principles of aerodynamics, including lift, thrust, drag, and gravity. They will explore how these forces interact to enable flight and the basic mechanics of how aircraft operate.
3. **Aircraft Systems and Components:**
    - The club will delve into the various systems and components of aircraft, including propulsion systems, navigation equipment, and flight controls. Students will learn about how each component contributes to the overall function and safety of an aircraft.
4. **Flight Simulation and Practice:**
    - Students will engage in flight simulation exercises using software or simulators to practice flying techniques, navigation, and flight planning. These simulations will help them apply theoretical knowledge in a practical setting.
5. **Navigation and Meteorology:**
    - Members will explore aviation navigation techniques, including the use of charts, GPS, and instruments. They will also study meteorology to understand weather patterns and their impact on flight operations.
6. **Aviation Careers and Education:**

- The club will provide information on various careers in aviation, such as pilots, air traffic controllers, and aerospace engineers. Students will learn about the educational requirements, training programs, and career paths available in the aviation industry.

7. **Guest Speakers and Workshops:**

   - The club will invite aviation professionals, including pilots, engineers, and aerospace experts, to conduct workshops and share their experiences. These sessions will offer students valuable insights into the aviation industry and career opportunities.

8. **Field Trips and Site Visits:**

   - Students will visit aviation-related sites such as airports, flight schools, and aerospace companies. These trips will provide practical exposure to aviation operations and allow students to interact with professionals in the field.

9. **Safety and Regulations:**

   - The club will cover important safety protocols and regulations in aviation, including air traffic control procedures, aircraft maintenance, and emergency protocols. Students will learn about the importance of safety in aviation and how regulations ensure safe flight operations.

10. **Project-Based Learning:**

    - Students will work on individual and group projects related to aviation, such as designing model aircraft, creating flight plans, and conducting research on aviation topics. These projects will enhance their problem-solving skills and creativity.

Learning Outcomes:

- Develop a foundational understanding of aviation principles, aerodynamics, and aircraft systems.
- Gain practical experience through flight simulations and navigation exercises.
- Explore various careers in aviation and understand the educational pathways required.
- Build knowledge of safety protocols and regulations in the aviation industry.
- Engage in hands-on projects and field trips to apply learning and gain real-world experience.
- Improve problem-solving and critical thinking skills through project-based learning.
- Develop an appreciation for the complexities and innovations in aviation.

Evaluation:

Students will be assessed based on their participation, engagement in club activities, understanding of aviation concepts, and the quality of their projects. Feedback will be provided to support ongoing development and foster a deeper interest in aviation.

Join the Youth Future Aviators Club to explore the fascinating world of aviation, develop essential skills, and prepare for a future career in this dynamic and innovative field!