Legos

Engineering by Design: Campers will become engineers of toy car bridges, marble roller coasters, and monster mazes! Guided time will be provided for campers to work individually and as a group to create designs supported with individual legos pieces and designs with legos sets. Additional activities will involve age appropriate tasks, games, and design challenges for each day.

Architectural Design: Campers will be immersed in the architectural design process by solving real world problems! Campers will have guided time to work individually and as a group to create, test, and present designs with individual legos pieces and legos sets. Activities will involve age appropriate tasks, games, and design challenges each day.

Water Legos: Campers will be creating water boats and things that float with Legos and legos sets! Campers will have guided time to work individually and as a group to create, test, and race boats and miniature barges! Activities will involve age appropriate tasks, games, and design challenges each day.

Week 1

Future Cities: Campers will be creating future cities with legos! Campers will become urban planners, map makers, and architects of the future! Activities will involve age appropriate tasks with legos sets, games, and design challenges each day.

Week 2

Dimensional Art: Campers will be creating dimensional art with Legos! Campers will begin with one dimensional designs and expand to 3-D master pieces. Activities will involve age appropriate tasks with legos sets, games, and design challenges each day.

Week 3

Best of the Best: Campers will have one day for each of the favorite activities of the past five weeks of Legos! Campers will have a day of engineering, architecture, water design, future cities, and art with Legos. Activities will involve age appropriate tasks with legos sets, games, and design challenges each day.
MUSIC

Week 1
World of the Banjo: Campers will become music makers and design their own banjos while learning the history and design of a real banjo. From Africa to Appalachia, Campers will explore the role of the banjo in cultures around the world. Activities will involve age appropriate lessons, games/songs, and cultural lessons each day.

Week 2
Natural Musicians: Campers will listen, create, and identify the sounds of nature. Rhythms, beats, and buzzes will be recreated through ordinary objects and later performed in harmony! Activities will involve age appropriate activities/games, as well as lessons that encourage an appreciation for nature.

Week 3
Tambourines to Rainmakers: Campers will “globe trot” the world of percussion instruments. Campers will create/play and learn the history of percussion instruments from five continents. Activities will involve age appropriate activities/games, as well as lessons that encourage individual creativity and group participation.

Week 4
The Maestros of Music: Campers will learn about the early composers and how they wrote their most famous pieces of music for piano and orchestra. This music appreciation class will allow campers to participate in age appropriate music games and participate in skits that identify the musical works of Beethoven, Bach, and many others.

Week 5
Tunes and Tones: Campers will use experiment with the different sounds made by water in a bottle. Individuals and groups will make their own tunes with the different sounds, and use the sounds to create new and familiar tunes. Activities will involve age appropriate activities/games, as well as lessons that encourage individual creativity and group participation.

Week 6
Patriotic Music from Around the World: Campers will learn to identify the national anthems from countries around the world as well as to map the locations on their own personal world maps. Campers will learn the history and messages of the anthems through age appropriate activities/games, as well as lessons that encourage individual creativity and group participation.

ART

Week 1
Art and The Great Masters: Michelangelo, Van Gogh, Monet...just to name a few. Campers will learn about the great masters of art while creating their own masterpieces. Activities will involve age appropriate activities/games, as well as lessons that encourage individual creativity and group participation with the use of various art medium.

Week 2
Art and Dimensions: Art “See” Young artists will observe the works of artists through perspective and sculpture. Campers will see art through the eye of the artists and learn the power of dimension. Projects will reflect the art pieces that are age appropriate and encourage individual creativity.

Week 3
Art and the Portrait: “Mirror, Mirror on the Wall” How do you portray yourself? How do others see you? Campers will discover the importance and use of self-portraits in history. Projects direct the campers to discover their facial dimensions and proportions with different medium.

Week 4
Art and the 5 Ws: Who, what, when, where, and why? Campers will learn to appreciate the stories behind pieces of great art. Campers will create their own art stories with age appropriate lessons and the use of various medium.

Week 5
Art Scapes: Land and Sea Natural forms and unique places in nature will be the focus for the art experiences this session. Campers will organize compositions in art with actual elements from nature. Campers will explore the perspectives of famous landscape portraits and then create their own.

Week 6
Art of the Future: Art and Texture: What will the future bring to the use of colors and patterns in our world? How will art in the future be used in technology, architecture, clothing, and even furniture? Campers will look at age appropriate pieces of structural and visual art considered modern today and then create their own pieces of art for the future.
GEOGRAPHY & SOCIAL STUDIES

Week 1
“Worldly Wise” - Cuba: Learn to play one of the most popular games of Cuba, dominoes! Read and learn conversational Spanish. Create yarn crafts and paper hummingbirds. Explore the Cuban landscape and the location of neighboring countries with student maps. Listen to Cuban music with your own Cuban drum sticks. Hear the story about a “beautiful “cockroach!

Week 2
“Worldly Wise” - China: Play Chinese checkers, solves puzzles and create tangram art. Learn how to write in Chinese and speak in conversational Chinese. Explore the landscape, rivers, and great desert regions of China with student maps. Practice your skills with Chinese chopsticks and discover how many of the chopsticks in China are made in Georgia!

Week 3
“Worldly Wise” - France: Learn conversational French and French songs! Use student maps to locate the countries in the world that speak French. Create a papier-mâché baguette and learn the importance of this food to the culture of France. Listen to French stories told in English, especially the story of STONE SOUP!

Week 4
“Worldly Wise” - Kenya: Learn Swahili and listen to stories from Swahili folklore. Take a safari to the Serengeti and learn to identify animals both great and small. Use student maps to locate the rivers, waterfalls, and the savannah region of this amazing country. Make your own travel guide from A-Z for Kenya.

Week 5
“Worldly Wise” - Peru: Learn how the Incas and llamas have impacted the people and culture of this great country. Weave sitting mats and listen to Incan stories. Design a tassels for your llama herd, and create your own Incan instruments. Use student maps to locate the ancient Incan highway and other famous landforms of this region.

Week 6
“Worldly Wise” - Great Barrier Reef: What is a coral reef? Where the coral are reefs in the world? Why is the Great Barrier Reef so important? Learn about how many living things are dependent on this reef. Create an ocean map for this reef and include the names and images of some of the infamous creatures that inhabit this great ecosystem biome.

SCIENCE & MATH

Week 1
“Go Fly A Kite” Campers will design their own kites and discover how kites have been a big part of science and history. Campers will also learn about the importance of kites in other cultures such as Asia and the Middle East. Age appropriate design challenges will be incorporated in each lesson.

Week 2
“Have a Ball!” Campers will learn how many different athletic balls are made and the importance of each design process. Campers will participate in games with different types of balls, while learning about the science and math behind this very special sphere.

Week 3
“Recycled Roller Coasters” Campers will explore the science and math of the design process of roller coasters. Designing their own roller coasters from recycled materials, campers will put their models to the test with age appropriate challenges. There will even be time to discover the locations and designs of the most famous roller coasters in the world!

Week 4
“What’s Bugging You?” Campers will learn about the importance of bugs! What are bugs and how are bugs important to our habitats. Campers will examine bugs with magnifying lenses and learn the anatomy of some common bugs, and make their own imaginary bugs!

Week 5
“Fishing Around for the Answers” Campers will learn about the common fish in our fresh water ecosystem of Lake Thurmond. Activities will be directed towards the importance of these fish to food chains and food webs. Campers will learn how to identify and sketch these fish for their own 3-D poster murals.

Week 6
“Birds and the Trees” Campers will learn how to identify common birds and trees in our state and local area. They will also be able to identify the birds by their sounds and nests. Campers will learn about the different levels of habitats found in just one tree. They will also study nest designs, create their own for their own imaginary birds, and put their nests to a design test!

Fees: 1/2 day 8:30-12:30 $99 Full Day 8:30-5:00 $170

FEES CALCULATED: # of sessions__________ x ½ day $99 =
TOTAL: $______________________

MINUS your multi week discount -$______________________