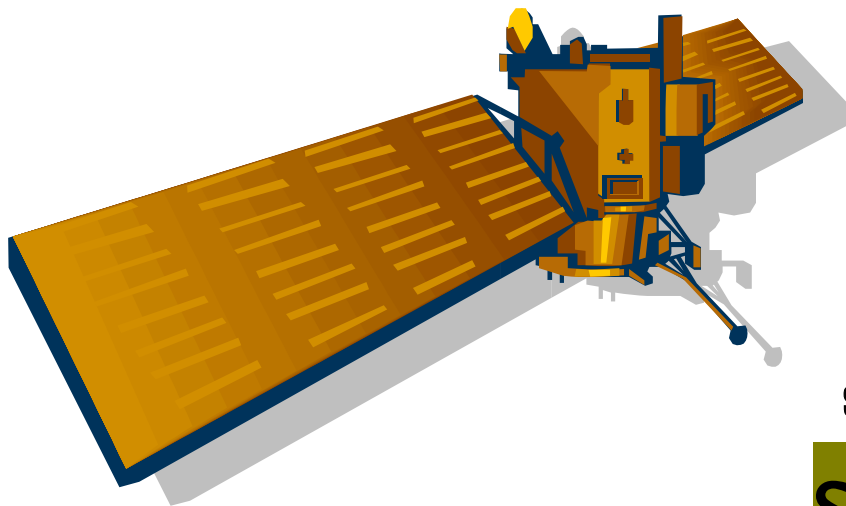
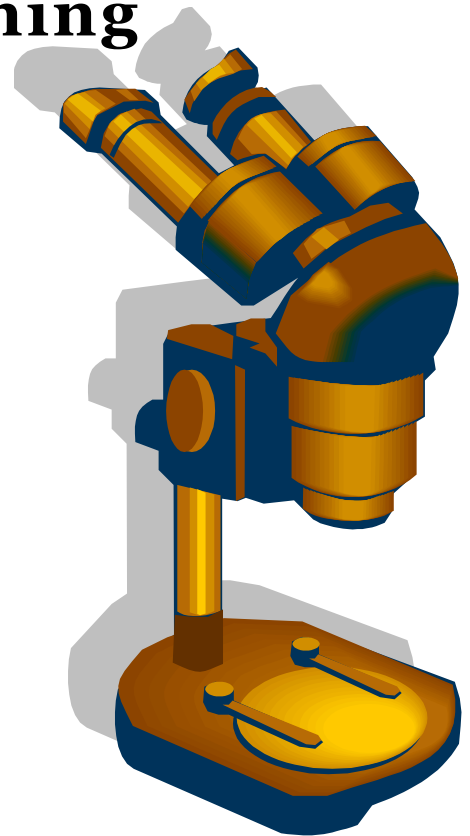
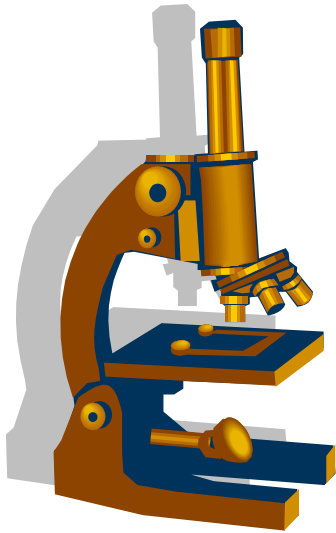


S.cience **T.**echnology **E.**ngineering **M.**athematics

**Summer Learning
2011!!!**



Sienna Montessori School

Summer Camp

2011

YOUTH CLUB

Sienna Montessori STEM Camp

Summer Recess and Academic Loss

By

Sebastian Ziraba, Ed.D.

Research studies have consistently shown that students from preschool through high school average at least two months of academic loss over summer recess. Studies have also shown that by participating in well-planned summer programs, achievement loss does not occur. In fact, based on the quality of the program, many students actually experience academic achievement over the summer.

The summer program at Sienna Montessori School is designed to elevate student achievement motivation. Emphasis is placed on accelerating the summer campers' learning and development; raising their levels of achievement motivation, skill development and school enjoyment; and encouraging parents to be more directly involved in their children's education.

Objectives are achieved through activities and projects that will involve the students in health and physical fitness via SPARK (Sports, Play and Active Recreation for Kids). Each session highlights a different sport that includes soccer, Frisbee, basketball, track and field, softball, wall ball/handball and hockey.

Each week the National STEM (Science, Technology, Engineering and Mathematics) program includes earth, space, life and physical science as well as concepts in technology and engineering. The concepts will also be realized through learning about the: cultures, geography, games and dances of Brazil, Pakistan, South Africa, China and Kenya. During the week of August 1st- August 5th campers will celebrate children's festivals of the above countries. The major highlight of the summer will be the campers performing the new version of the Snow White children's musical play sponsored by the well known Pioneer Theater Productions.






A major component of the program is our ongoing Practical Life activities at both the preschool and elementary school levels. Through this component, children learn to adapt to the social context of their environment. The activities include: care of self, care of the environment, exercises of grace, control of physical movement, preparation and activities involved in going out, especially for the elementary aged children.

Detailed program descriptions for pre-kindergarten through 8th grade students can be obtained by visiting the school's website at: www.siennamontessorischool.com or calling (281) 778-2223 to schedule a visit. Sienna Montessori School is located at 10010 Steep Bank Trace in Missouri City, Texas.

Week 1 Focus: June 6th-June 10th

STEM-Science Technology Engineering Mathematics

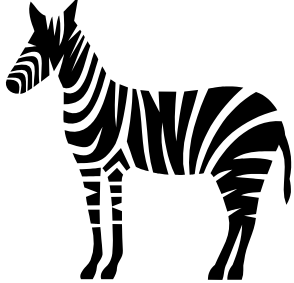
(Pre-K – 2nd Grade)

Monday	Tuesday	Wednesday	Thursday	Friday
Earth and Space Science	Life Science	Physical Science	Technology/ Engineering	STEM Fair
<p>- Recognize that water, rocks, soil, and living organisms are found on the earth's surface.</p> 	<p>-Recognize that animals (including humans) and plants are living things that grow, reproduce, and need food, air and water.</p> 	<p>-Sort objects by observable properties such as size, shape, color, weight and texture.</p> 	<p>-Identify and describe characteristic of natural material (e.g., wood, cotton, fur, wool) and human-made materials (e.g., plastic, Styrofoam)</p> 	<p>-STEM Fair</p> 

Week 1: June 6th-June 10th

STEM-Science Technology Engineering Mathematics

(3rd- 5th Grade)

Monday	Tuesday	Wednesday	Thursday	Friday
Earth and Space Science	Life Science	Physical Science	Technology/ Engineering	Stem Fair
-Give a simple explanation of what a mineral is and some examples, e.g., quartz, mica	-Classify plants and animals according to the physical characteristics. 	-Differentiate between properties of objects (e.g., size, shape, weight) and properties of materials (e.g., color, texture, hardness).	-Identify materials used to accomplish a design task based on a specific property, i.e. weight, strength, hardness and flexibility.	-Stem Fair

All Over the World (Global Literacy)

- Cape Town and South Africa (Week 1 and 2)

Creative Crafts for Clever Kids

- Trash Treasures (Week 1 and 2)


Fine Arts

- You are the conductor.



Week 1: June 6th-June 10th

SPARK- Frisbee Frenzy

Monday:		The first Frisbees were manufactured on June 4, 1957. How old would the very first Frisbees be?
Tuesday:		Try out as many games as you can play with a Frisbee. How about Frisbee baseball?
Wednesday:		Brainstorm with the group and come up with a list of other creative uses for a Frisbee other than as a toy.
Thursday:		Throw a Frisbee as far as you can everyday for one week. Make a chart to measure your progress. Were you able to increase your distance?
Friday:		Try to keep a Frisbee in the air (without touching it) as long as possible. Use a watch with a second hand to measure how long the Frisbee remains in flight.

Week 2 Focus- June 13th- June 17th

STEM- Science Technology Engineering Mathematics

(Pre-K – 2nd Grade)

Monday	Tuesday	Wednesday	Thursday	Friday
Earth and Space Science	Life Science	Physical Science	Technology/ Engineering	Stem Fair
- Understand that air is a mixture of gases that is all around us and that wind is moving air.	- Differentiate between living and nonliving things. Group both living and nonliving things according to the characteristics that they share.	- Identify objects and materials as solid, liquid or gas. Recognize that solids have a definite shape and liquids and gases take the shape of their container	- Identify and explain some possible uses for natural materials (e.g., wood, cotton, fur wool) and human-made materials (e.g., plastic, Styrofoam)	-Stem Fair

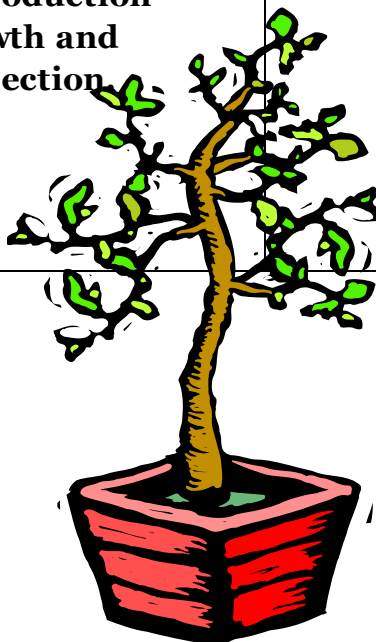


Week 2: June 13th - June 17th

STEM-Science Technology Engineering Mathematics

(3rd- 5th Grade)

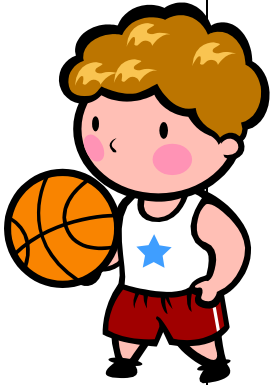
Monday	Tuesday	Wednesday	Thursday	Friday
Earth and Space Science	Life Science	Physical Science	Technology/ Engineering	Stem Fair
-Identify the physical properties of minerals (hardness, color, luster, cleavage and streak), and explain how minerals can be tested for these different physical properties.	-Identify the structures in plants (leaves, roots, flowers, stem, bark, wood) that are responsible for food production, support, water transport, reproduction growth and protection.	- Compare and contrast solids, liquids, and gases based on the basic properties of each of these states of matter.	- Identify and explain the appropriate materials and tools (e.g., hammer, screwdriver, pliers, tape measure, screws, nails, and other mechanical fasteners) to construct a given prototype safely.	-Stem Fair



Week 2: June 13th - June 17th

SPARK- Great Games

- **The focus of these games is on helping youth leaders establish a “positive activity environment” amongst the group, promoting cooperative behavior and developing social skills.**
- **Aerobic games are fast and fun. Youth enjoy the benefits of moderate to vigorous exercise while playing. SPARK calls this “Disguising the Fitness Element.”**



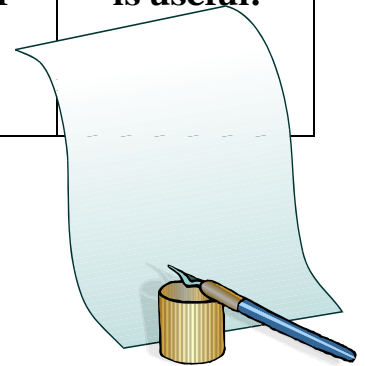
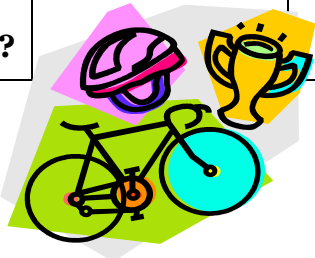
Cooperative Games	Aerobic Games
The Good Ship SPARK Trains at the Station Roadway Truck Driver Grab the Apple Houdini Hoops Bodyguards Twist-n-Turn Bend-n-Stretch Partner Ball Exchange/Toss	5 Touches Cookie Monster I Want a Home Tag Safe Tag Clean Your Room T-Rex Tag Catch a Tail Doctor Tag Zoo Animals

Week 2 Focus: June 13th- June 17th

Theme: Patents

PATENTS

Monday	Tuesday	Wednesday	Thursday	Friday
<p>Charles Goodyear patented his process for vulcanizing rubber on June 15, 1844. What can you make of 5 or fewer components, one being a rubber band?</p>	<p>William Clarkson, Jr. patented the bicycle on June 26, 1918. Decorate bicycles for a celebration parade.</p>	<p>Be inventive. Think about what product might make life easier now. Draw a picture or write a description and show how useful it could be.</p>	<p>Become an inventor! Create your own new product using modeling clay and toothpick or straws, or recycled "junk".</p>	<p>Write a letter as if you were requesting a patent on your new product. Include why you think your product is useful.</p>



All Over the World (Global Literacy)

- Cape Town and South Africa (Week 1 and 2)

International Playtime


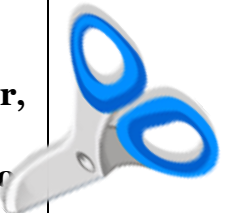
- Games and dances of South .



Week 3 Focus- June 20th- June 24th

STEM- Science Technology Engineering Mathematics

(Pre-K – 2nd Grade)

Monday	Tuesday	Wednesday	Thursday	Friday
Earth and Space Science	Life Science	Physical Science	Technology/ Engineering	Stem Fair
<p>- Recognize that the sun supplies heat and light to the earth and is necessary for life.</p> 	<p>- Recognize that plants and animals have life cycles, and that life cycles vary for different living things.</p>	<p>- Describe the various ways that objects can move, such as in a straight line, zigzag, back and forth, round and round, fast and slow.</p>	<p>-Identify and describe the safe and proper use of tools and materials (e.g., glue, scissors, tape, ruler, paper, tooth-picks, straws, spools) to construct simple structures.</p> 	<p>-Stem Fair</p>

Week 3: June 20th - June 24th

STEM- Science Technology Engineering Mathematics (3rd- 5th Grade)

Monday	Tuesday	Wednesday	Thursday	Friday
Earth and Space Science	Life Science	Physical Science	Technology/ Engineering	Stem Fair
- Identify the three categories of rocks(metamorphic, igneous and sedimentary) based on how they are formed, and explain the natural and physical processes that create these rocks.	-Recognize that plants and animals go through predictable life cycles that include birth, growth, development, reproduction and death.	- Describe how water can be changed from one state to another by adding or taking away heat.	-Identify and explain the difference between simple and complex machines, e.g., hand can opener that includes multiple gears, wheel, wedge gear and lever.	-Stem Fair



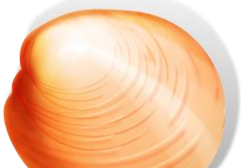

Week 3: June 20th - June 24th

SPARK- Super Sports (Basketball)

Warm-UP and Skill Drills	Activity
<p> Ready Position Ball Handling Drills Pivoting Free Dribbling Dribble Keep Away Chest Pass Bounce Pass Overhead Pass Passing Challenges One-Handed Shot Shooting Practice Lay-Ups </p>	<p> Keep Away 3 Person Pass and Shoot 3 Catch Game 3 Catch Basketball “SPARK” Hoop Targets Around the Court Speed Shooter Triple Threat Basketball </p> 

Week 3: June 20th - June 24th

Theme: Beachy Good Fun

Monday	Tuesday	Wednesday	Thursday	Friday
<p>Go to a beach or shoreline of any body of water, even a stream or river. See how many interesting things you can collect from the area.</p> 	<p>Create an ocean mural. Hang a large piece of blue paper on the wall. Decorate with sand, plants, brightly-colored fish and shells, all made from paper.</p>	<p>Serve a seafood snack. (Check for allergies!) Serve tuna, salmon, or sardines on bread or crackers. Take a fieldtrip to a local grocery store to visit the seafood counter.</p>	<p>Cut out a shape of a sandcastle from cardboard. Smear the board with glue and shake sand over entire area. Add shells and other items for decorations.</p> 	<p>Have a beach party! Spread beach blankets and towels on the floor, have picnic foods, tall cool drinks, play beach music and beach volleyball. Wear swim suits/beach clothes.</p>

All Over the World (Global Literacy)

- Islamabad and Pakistan

International Playtime

- Games and dances of Pakistan

Creative Crafts for Clever Kids

- Paper Productions (Weeks 3 and 4)

Performing Arts

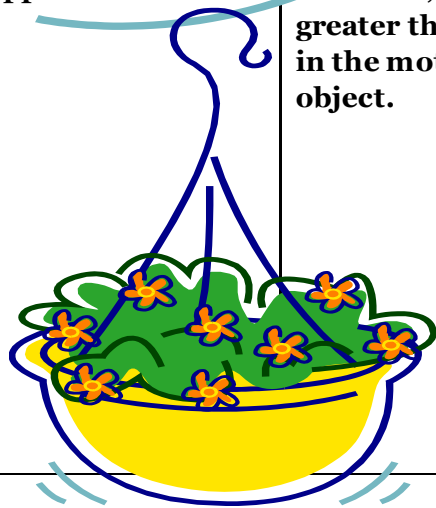
- Let's Dance

Week 4 Focus- June 27th-July 1st

STEM- Science Technology Engineering Mathematics

(Pre-K – 2nd Grade)

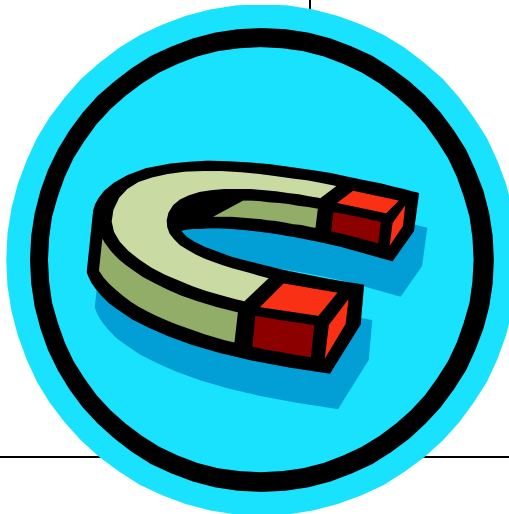
Monday	Tuesday	Wednesday	Thursday	Friday
Earth and Space Science	Life Science	Physical Science	Technology/Engineering	Stem Fair
- Identify some events around us that have repeating patterns, including the seasons of the year, day and night.	- Describe ways in which many plants and animals closely resemble their parents in observed appearance.	- Demonstrate that the way to change the motion of an object is to apply a force (give it a push or pull). The greater the force, the greater the change in the motion of the object.	-Identify tools and simple machines used for a specific purpose, e.g., ramp, wheel, pulley, lever. Describe how human beings use parts of the body as tools (e.g., teeth for cutting, hands for grasping and catching), and compare their use with the ways in which animals use those parts of their bodies.	-Stem Fair



Week 4: June 27th-July 1st

STEM- Science Technology Engineering Mathematics (3rd- 5th Grade)


Monday	Tuesday	Wednesday	Thursday	Friday
Earth and Space Science	Life Science	Physical Science	Technology/ Engineering	Stem Fair
- Explain and give examples of the ways in which soil is formed (the weathering of rock by water and wind and from the decomposition of plant and animal remains).	- Differentiate between observed characteristics of plants and animals that are fully inherited (e.g., color of flower, shape of leaves, color of eyes, number of appendages) and characteristics that are affected by the climate or environment (e.g., browning of leaves due to too much sun, language spoken).	-Identify the basic forms of energy (light, sound, heat, electrical and magnetic). Recognize that energy is the ability to cause motion or create change.	- Identify a problem that reflects the need for shelter, storage, or convenience.	-Stem Fair



Week 4: June 27th-July 1st

Theme: Salt & Pepper

“Salt & Pepper”

Monday	Tuesday	Wednesday	Thursday	Friday
<p>Mix up salt and pepper in a cup. Pour some water into the cup. Can you guess which will float to the top? (It's the salt.)</p>	<p>Color salt with colored chalk and layer the different colors in empty baby food jars.</p> 	<p>Make salt dough for modeling. Mix 2/3 c. of salt, 1/2c. flour and 1/3c. water. After sculpting, air dry or bake in 350 degree oven until hard.</p>	<p>Fill a glass with water and ice cubes. Wait a few minutes. Place a string on the ice cubes. Sprinkle salt on the cubes. After a few seconds pull the strings. What happens?</p>	<p>Pop two batches of popcorn. Sprinkle salt on one batch, leave the other batch unsalted. Conduct a taste test to determine which batch is more popular.</p>

Week 4 Focus: June 27th-July 1st

SPARK- Super Sports (Soccer)



Warm-UP and Skill Drills	Activity
Cue Practice Walk and Dribble Sideline Throw-In Pass and Trap Challenges Soccer Marbles Dribble Keeps Away	Target Soccer Kick for Distance Get Your Ball Shooting on Goal Small-Sided Soccer Games Soccer Baseball (All Run) Soccermania

All Over the World (Global Literacy)

- Pakistan

International Playtime

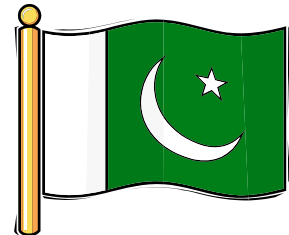
- Games and dances of Pakistan continued

International Party Time

- To conclude journey to Pakistan

Performing Arts






- Let's Dance



July: Week 1 Focus: July 5th - July 8th

STEM-Science Technology Engineering Mathematics

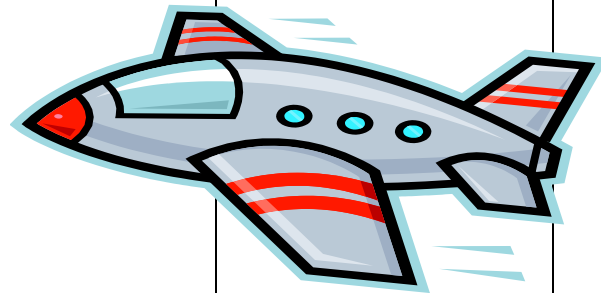
(Pre-K – 2nd Grade)

Monday	Tuesday	Wednesday	Thursday	Friday
Earth and Space Science	Life Science	Physical Science	Technology/ Engineering	STEM Fair
<p>- Recognize that water, rocks, soil, and living organisms are found on the earth's surface.</p> 	<p>-Recognize that animals (including humans) and plants are living things that grow, reproduce, and need food, air and water.</p> 	<p>-Sort objects by observable properties such as size, shape, color, weight and texture.</p> 	<p>-Identify and describe characteristic of natural material (e.g., wood, cotton, fur, wool) and human-made materials (e.g., plastic, Styrofoam)</p> 	<p>-STEM Fair</p> 

Week 1: July 5th -July 8th

STEM- Science Technology Engineering Mathematics (3rd- 5th Grade)

Monday	Tuesday	Wednesday	Thursday	Friday
Earth and Space Science	Life Science	Physical Science	Technology/ Engineering	Stem Fair
- Explain how air temp, moisture, wind speed and direction and precipitation make up the weather in a particular place and time.	- Give examples of how inherited characteristics may change over time as adaptations to changes in the environment that enable organisms to survive, e.g., shape of beak or feet, placement of eyes on head, length of neck, shape of teeth, color.	-Explain how electromagnets can be made, and give examples of how they can be used.	- Compare natural systems with mechanical systems that are designed to serve similar purposes, e.g., a bird’s wings as compared to an airplane’s wings.	-Stem Fair



Week 1: July 5th -July 8th

SPARK- Super Sports (Baseball)

**Pickle
Base Race
500
No Base Baseball
Throw to Home
Fungo
Slip and Slide
Bongoball
Balloon Toss
Wall Ball
Getting Serious**



July: Week 1 Focus: July 5th - July 8th

Theme: When Freedom Rings

When Freedom Rings

Monday	Tuesday	Wednesday	Thursday	Friday
Patriotic July Celebrations	Flag Flying	Patriotic Murals	Patriotic Presentations	Patriotic Poets
<p>July 4, 1776 – The Continental Congress passed the Declaration of Independence, creating the United States. How old is the U.S. today? Have a birthday party to celebrate.</p>	<p>July 4, 1789 – Bastille Day is celebrated every July 14th in France. What event led to this holiday? How is it like our July 4th</p> 	<p>July 4, 1826 – John Adams and Thomas Jefferson both died on the 50th anniversary of U.S. Independence. What was each man’s contribution to the fight for freedom.</p>	<p>July 1, 1867 – Canada Day is celebrated on this date when Canada became a self-governing dominion. Decorate the room with red and white for Canada’s flag.</p>	<p>July 4, 1884 – France presented the State of Liberty to the United States as a 100th birthday present. What does the Statue of Liberty represent?</p>

All Over the World (Global Literacy)

- **Beijing, China(Week 1 and 2)**

International Playtime

- **Games and dances of China**

Creative Crafts for Clever Kids

- **Kitchen Capers (Weeks 1 and 2)**



July Week 2 Focus- July 11th- July 15th

All Over the World (Global Literacy)

- **China**

International Playtime

- **Games and dances of China**
- ### Creative Crafts for Kids

- **Kitchen Capers**





SPARK- Dynamic Dance Music

Ages 5-7	Ages 8-14
<p>J.U.M.P.- Includes Let's Go to the Jungle, Fun, Fun, Fun, Kid's Star, Safety Song, Caterpillars to Butterflies, Kuma San, The Elephant's Rainbow, Spoons, Giraffe with Jingle Bells and more.</p> <p>All Time Favorite Dances- Includes the Chicken, Bunny Hop, Hora, Cotton Eyed Joe, Hokey Pokey and more.</p> <p>We All Live Together V.2- Includes the Boogie Walk, Muffin Man, The Freeze and many more.</p> <p>Folk Dance Fun- Includes the Mexican Hat Dance, Italian Tarantella, German Clapping Dance and more.</p> <p>Streamer & Ribbon Act- Includes La Burrita and eleven more fun activities.</p> <p>Chinese Ribbon Dance- Includes the Chinese Ribbon Dance.</p>	<p>All Time Favorite Dances- Includes the Conga, Alley Cat, Virginia Reel, Cotton Eyed Joe, Hora and more.</p> <p>Basic Sq. Dances Vol. 1- Includes Little Brown Jug, Shoo Fly, Red River Valley, and many more.</p> <p>Everybody Dance- Includes Gonna Make You Sweat/California Strut, Electric Slide, Achy Breaky Heart and many more.</p> <p>Internat. Folk Dance- Includes Troika, Pata Pata and more.</p> <p>Chinese ribbon Dance- Includes the Chinese Ribbon Dance.</p> <p>Red Hot Peppers- Hip Hop/ Salsa jump rope activities.</p>

July Week 3 Focus- July 18th - July 22nd

STEM-Science Technology Engineering Mathematics

(Pre-K – 2nd Grade)

Monday	Tuesday	Wednesday	Thursday	Friday
Earth and Space Science	Life Science	Physical Science	Technology/ Engineering	Stem Fair
<p>- Recognize that the sun supplies heat and light to the earth and is necessary for life.</p> 	<p>- Recognize that plants and animals have life cycles, and that life cycles vary for different living things.</p>	<p>- Describe the various ways that objects can move, such as in a straight line, zigzag, back and forth, round and round, fast and slow.</p>	<p>-Identify and describe the safe and proper use of tools and materials (e.g., glue, scissors, tape, ruler, paper, tooth-picks, straws, spools) to construct simple structures.</p> 	<p>-Stem Fair</p>

Week 3- July 18th - July 22nd

STEM- Science Technology Engineering Mathematics (3rd- 5th Grade)

Monday	Tuesday	Wednesday	Thursday	Friday
Earth and Space Science	Life Science	Physical Science	Technology/ Engineering	Stem Fair
- Distinguish among the various forms of precipitation (rain, snow, sleet and hail), making connections to the weather in a particular place and time.	- Give examples of how changes in the environment (e.g., drought, cold) have caused some plants and animals to die or move to new locations (migration).	-Recognize that magnets have poles that repel and attract each other. Identify and classify objects and materials that a magnet will not attract.	- Describe different ways in which a problem can be represented, e.g., sketches, diagrams, graphic organizers and lists.	-Stem Fair



All Over the World (Global Literacy)

- **Brazil**

International Playtime

- **Games and dances of Brazil**

Creative Crafts for Kids

- **Clay Dough Creations**

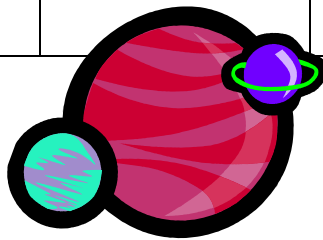
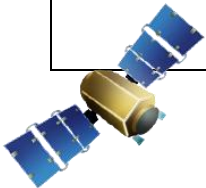


July Week 3 Focus- July 18th- July 22nd

Theme: In Outer Space

In Outer Space

Monday	Tuesday	Wednesday	Thursday	Friday
<p>NASA was created on July 29, 1968. What does "NASA" stand for? How many sites for developing, launching and tracking space flights does NASA have?</p>	<p>On July 15, 1965, the "Mariner IV" satellite transmitted the first close-up photos of Mars. If you lived on Mars what would you look like? Draw a Martian self-portrait.</p>	<p>John Glenn, Jr.'s birthday is July 18th. He was the first American to orbit the earth in a space ship. Draw a picture of what he saw from space.</p>	<p>Space Week is observed July 20-26 to celebrate when Neil Armstrong was the first man to walk on the moon July 20, 1969. What did he say during that historic occasion/</p>	<p>Cosmonaut Svetlan Savitskaya became the first woman to walk in space on July 25, 1984. Practice your own space walk. What would your movements be like?</p>





Children's Musical Play Production

The Rockin' Tale of Snow White



Grand Finale: END OF JULY

The tale of Snow White has never felt so fresh and new with this funny adaptation that will make even the most jaded among us laugh out loud! New characters and comedic twists come to life as a modern mom reads the Brothers Grimm tale to her restless children. In addition to the well-known cast of the kind princess, evil queen, multiple dwarves and the morally conflicted Huntsman, this musical introduces us to some fresh new faces such as rhyme-happy ladies-in-waiting and a stick-in-the-mud governmental representative out to ruin everyone's good time.

July- Week 4 Focus: July 25th - July 29th

Theme: Carnival Fun

Carnival Fun

Monday	Tuesday	Wednesday	Thursday	Friday
<p>Use refrigerator boxes to create booths for various games like the bean bag toss game. Fill an empty soda can with pebbles or sand and knock it off a ledge with a tennis ball.</p>	<p>Other booths can include games like dropping clothes pins in a bottle, pin the tail on the donkey, and a hula hoop contest or demonstration.</p> 	<p>Another booth idea is to have a jar filled with jelly beans and participants have to guess how many are in the jar. Winner gets the jar of jelly beans.</p>	<p>Set up food booths serving light snacks like pretzels and nachos. Set up lawn games like ring toss.</p> 	<p>Find ways for the kids to earn their tickets all month for spending at the carnival. Invite the parents too.</p>

Creative Crafts for Kids

- Clay Dough Creations

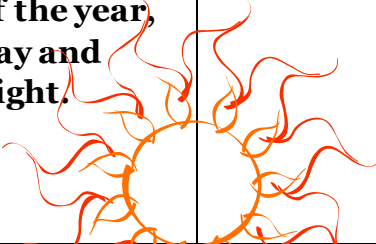

Children's Musical Play cont'



Week 1: August 1st - August 5th

STEM-Science Technology Engineering Mathematics

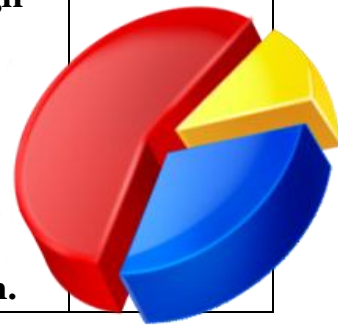
(Pre-K – 2nd Grade)

Monday	Tuesday	Wednesday	Thursday	Friday
Earth and Space Science	Life Science	Physical Science	Technology/Engineering	Stem Fair
<p>-Identify some events around us that have repeating patterns, including the seasons of the year, day and night.</p> 	<p>-Recognize that fossils provide us with information about living things that inhabited the earth years ago.</p>	<p>-Demonstrate that the way to change the motion of an object is to apply a force (give it a push or pull). The greater the force, the greater the change in the motion of the object.</p>	<p>-Identify and describe the safe and proper use of tools and materials (e.g., glue, scissors, tape, ruler, paper, toothpicks, straws, spools) to construct simple structures.</p>	<p>-Stem Fair</p> 

August- Week 1 Focus: August 1st - 5th

STEM (3rd-5th Grade)

Monday	Tuesday	Wednesday	Thursday	Friday
<p>- Recognize and discuss the different properties of soil, including color, texture (size of particles), the ability to retain water and the ability to support the growth of plants.</p>	<p>-Differentiate between observed characteristics of plants and animals that are fully inherited. (e.g., color of flower, shape of leaves, color of eyes, number of appendages) and characteristics that are affected by the climate or environment (e.g., browning of leaves due to too much sun, language spoken.).</p>	<p>-Give examples of how energy can be transferred from one form to another. -Recognize that electricity in circuits requires a complete loop through which an electrical current can pass, and that electricity can produce light, heat and sound.</p>	<p>-Describe different ways in which a problem can be represented, e.g., sketches, diagrams, graphic organizers and lists. -Identify relevant design features (e.g., size, shape, weight) for building a prototype of a solution to a given problem.</p>	<p>-Stem Fair</p>



All Over the World (Global Literacy)

- China, South Africa, Pakistan and Brazil

FRIDAY: CHILDREN'S FESTIVAL w/

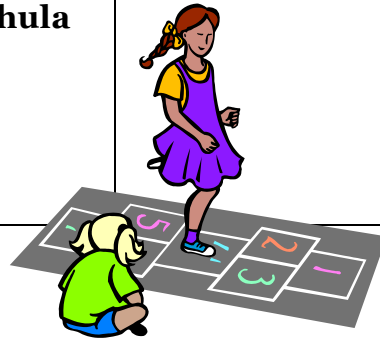
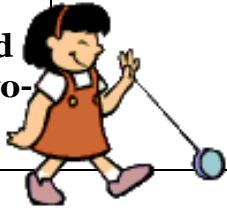
- emphasis on China, South Africa, Pakistan and Brazil

Week 1 Focus: August 1st - 5th

Theme: Vintage Games

Vintage Games

Monday	Tuesday	Wednesday	Thursday	Friday
<p>“Vintage” games may be brand new to many children. Play with marbles, introduce jump rope rhymes, and teach some yo-yo tricks.</p>	<p>Learn to play jacks.</p>	<p>Have a hula hoop tournament. How long can you keep the hoop spinning around your waist? What else can you play with a hula hoop?</p>	<p>Use sidewalk chalk to draw a hopscotch game on the sidewalk.</p>	<p>In a ball field or grassy area, play Red Rover or Kick the Can.</p>



August Week 2 School Closed

August Week 3 Focus: August 15th-August 19th

STEM-Science Technology Engineering Mathematics

(Pre-K – 2nd Grade)

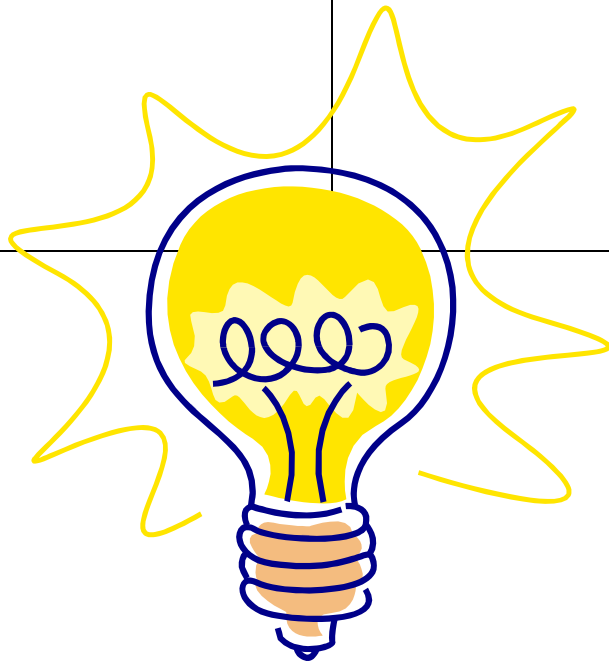
Monday	Tuesday	Wednesday	Thursday	Friday
Earth and Space Science	Life Science	Physical Science	Technology/Engineering	Stem Fair
-Explain how air temperature, moisture, wind speed and direction, and precipitation make up the weather in a particular place and time.	-Give examples of how inherited characteristics may change over time as adaptations to changes in the environment that enable organisms to survive e.g., shape of beak or feet, placement of eyes on head, length of neck, shape of teeth, color.	-Identify and classify objects and materials that conduct electricity and objects and materials that are insulators of electricity.	-Compare natural systems with mechanical systems that are designed to serve similar purposes, e.g., a bird's wings as compared to an airplane's wings.	-Stem Fair

Week 3 Focus: August 15th-August 19th

STEM-Science Technology Engineering Mathematics

STEM (3rd-5th Grade)

Monday	Tuesday	Wednesday	Thursday	Friday
<p>- Differentiate between weather and climate. Describe how water on earth cycles in different forms and in different locations, including underground and in the atmosphere.</p>	<p>- Describe how organisms meet some of their needs in an environment by using behaviors in response to information (stimuli) received from the environment. Recognize that some animal behaviors are instinctive, and others are learned.</p>	<p>- Recognize that light travels in a straight line until it strikes an object or travels from one medium to another, and that light can be reflected, refracted, and absorbed.</p>	<p>-Identify and explain the safe and proper use of measuring tools, hand tools, and machines (e.g., band saw, drill press, sanders, hammer, screwdriver, pliers, tape measure, screw, nails and other mechanical fasteners) needed to construct a prototype of an engineering design.</p>	<p>-Stem Fair</p>

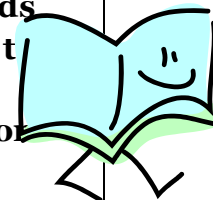


Week 3 Focus: August 15th - 19th

Theme: Just for Fun

Just for Fun

Monday	Tuesday	Wednesday	Thursday	Friday
Physical Fun - - - - Plan organized games like soccer, basketball and Ultimate Frisbee play for fun. -No eliminations	-Plan frequent cooking projects like Rice Krispies treats and Jello Jigglers.	Use music as background sound during “hang-out” time, or create a wild event with a lip sync contest.	Junior Leaders— Have the older kids plan a watermelon treasure hunt for the younger kids and the share in the delicious rewards.	Cartooning -Find a book on cartoon basics and teach simple faces. Let the kids make their own cartoon strip.



SPARK- A 7-EVENT CHALLENGE DAILY

- Event 1- Skip 10 yards.
- Event 2- Throw a golf ball into a basket 6 feet away.
- Event 3- Kick the soccer ball through two cans 8 feet away
- Event 4- Jump from hoop to hoop (five consecutive hoops placed 2 feet apart)
- Event 5- Balance on one foot for 10 seconds
- Event 6- Catch a small beach ball from a person 8 feet away.
- Event 7- Run through a row of 8 chairs (3feet apart), then hop to the end line.



• IN HOUSE VISITORS, FIELD TRIPS TWICE A WEEK AND DAILY SWIMMING

• HOT CATERED LUNCHES (\$3.50 DAILY)

• PLEASE REMEMBER THAT SMS WILL BE CLOSED AUGUST 8TH - AUGUST 12TH