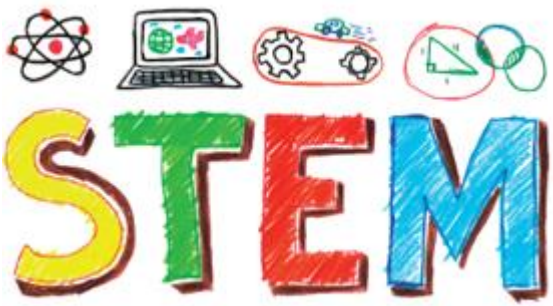


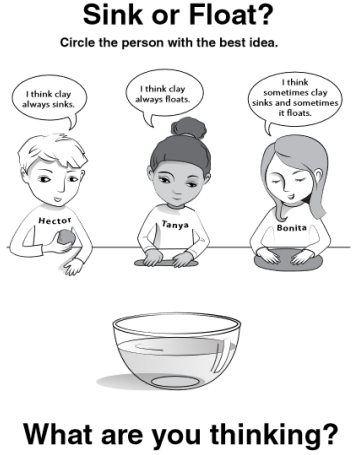
in Kindergarten

Eagle Springs Elementary School

August - October

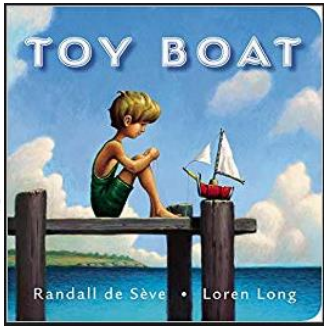
SKPI. Obtain, evaluate, and communicate information to describe objects in terms of the materials they are made of and their physical attributes.

We were asked to build a boat that can float and carry pennies without sinking using the materials we tested.



What are these? What are they made of?

What are these? What are they made of?



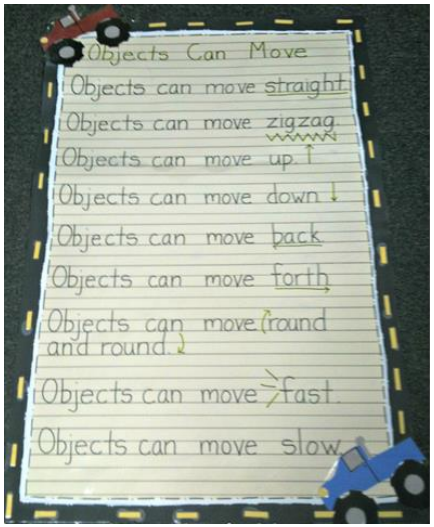
We did research about boats and how they are able to float.

We designed a blueprint in our STEM journals and then created a prototype using heavy duty aluminum foil.

We then tested our prototype to see if it could hold pennies without sinking. If our boat sank, we reflected and redesigned our prototype. We learned that boats need to have sturdy sides and a good balance between the bow, the hull, and the stern.

November - January

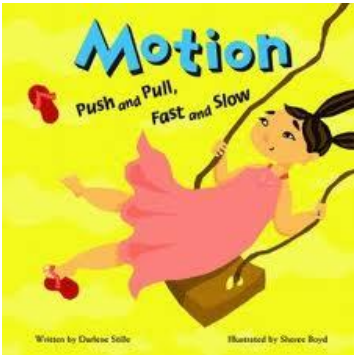
SKP2. Obtain, evaluate, and communicate information to compare and describe different types of motion.



We were asked to create a movement park that included different types of motion.

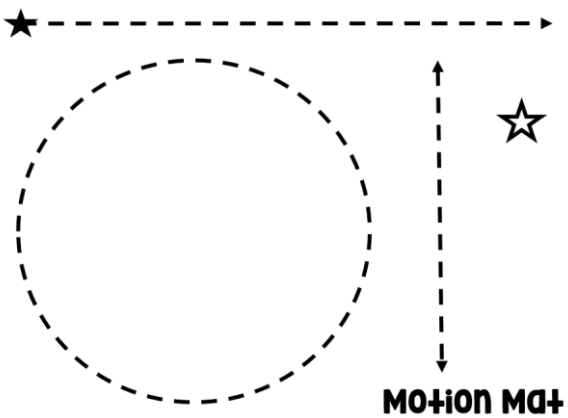
Types of Movement

Type of Motion	My Picture
Circular	
Straight	
Slow and Fast	
Back and Forth	
Motionless	



We conducted research about motion by reading books and watching videos.

We designed a blueprint in our STEM notebooks and then created a prototype.

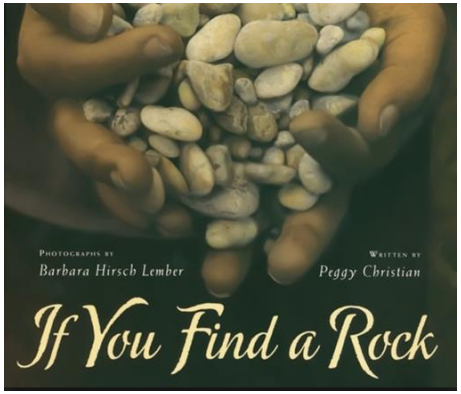


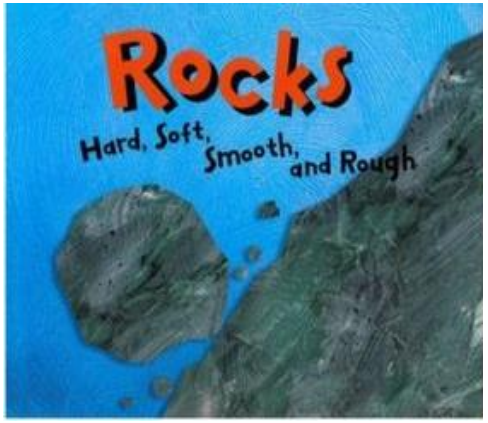
We then tested our prototypes to see if the marble could go from the starting point to the ending point using different motions. Students reflected and redesigned their prototypes as they were testing them. We learned that movement parks are a fun way to investigate motion!

February - March

SKE2. Obtain, evaluate, and communicate information to describe the physical attributes of earth materials (soil, rock, water, and air).

We were asked to create pet rock posters that demonstrated what we knew about rocks.





We did research about rocks by reading books, sorting rocks, and going on nature walks.

We learned that rocks come in all shapes and sizes.

We designed a pet rock poster to inform others about the characteristics of rocks.

parents,

YOU ROCK

We are learning about Earth's materials in science. We have been studying rocks and reading about people who are 'rock hounds' like the author in our book I Found a Rock. I've challenged each student to be a 'rock hound' and with adult supervision, search for a rock or select a rock from their own collection. They will bring this rock to school on Monday. **Rocks will be returned on Friday.

Rules for the rocks you find to bring in:

1. Your rock must be smaller than a tennis ball.
2. You are not allowed to throw your rock at any time.
3. Place your rock in a Ziploc bag with your name clearly labeled on it.

These rocks will be your child's 'Pet Rock' for the week. (If you are able to send in an extra rock for a child who may not be able to locate one, please do.)

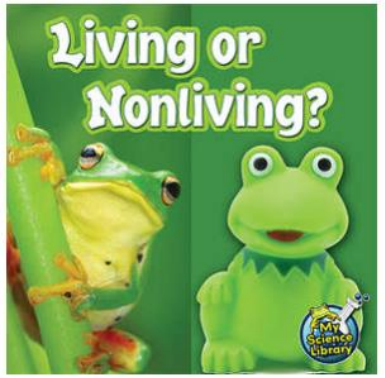
Thank you so much!

Mrs. Hayes & Mrs. Solomon

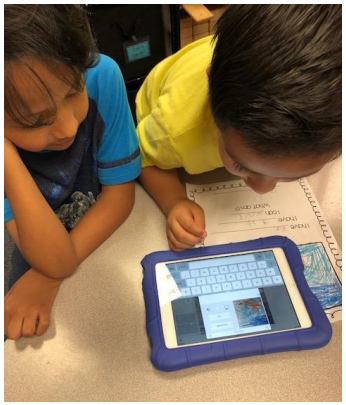
April - May

SKL1. Obtain, evaluate, and communicate information about how organisms (alive and not alive) and non-living objects are grouped.

SKL2. Obtain, evaluate, and communicate information to compare the similarities and differences in groups of organisms.

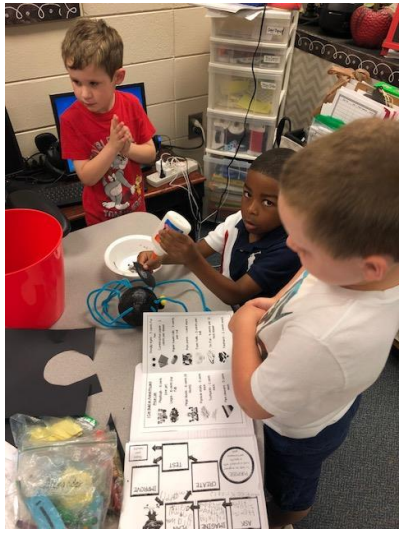


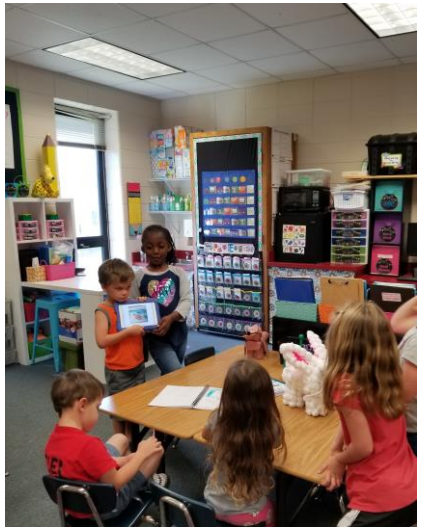
We were asked to classify animals by their features. We did research about living and nonliving things.



We designed an animal prototype blueprint and produced a class riddle book that students turned into a digital presentation.

We used the Engineering Design Process to build an animal prototype that reflected how it moved. Students were given the option to purchase their items to build their animal prototypes.





Here are examples of the animal projects we designed.