

Science and Innovations Labs

Dear Parents,

We'd like to inform you of current projects taking place in our Science and Innovations Lab. Please take note of upcoming needs for our students. Mrs. Silva and Mrs. Hardin

Science Lab

During the first quarter, we've focused on physical science with each grade level. Here are the main topics:

Kindergarten: How does it fall? We learn about gravity and about the way things move. We also study matter.

First: How do things move? We learn about gravity, friction, forces such as push or pull, balanced forces, and how magnets move things without touching them.

Second: What is matter? We learn about solids, liquids, and gases. We learn about evaporation and changes in matter.

Third: What are good conductors? We learn about types of heat transfer and make solar ovens.

Fourth: How can I design an alarm circuit? We learn about electricity and conductors and design a switch and alarm circuit system.

Fifth: What are the components of the water cycle? How is energy transferred? We complete matter centers where we learn that the sum of the parts always equals the whole.

Innovations Lab



Upcoming Events

October 24

Science Fair Packets coming home this week

January 26

Science Fair and Math Expo

Important Announcements

We will be collecting S'mores ingredients for a 3rd Grade project. Graham Crackers, marshmallows, chocolate bars, and napkins are needed. Send them to Mrs. Silva.

We will need Oreo cookies for First and Fourth Grade in November.

During the first few weeks of school we focused on what a good engineer is and how the engineering design process works. Each grade level completed an engineering design challenge. Here are the projects we are currently working on:

Kindergarten and K-1: We will be focusing on numbers and the different ways to make each number. The students will be engaging in a variety of hands-on activities to practice counting.

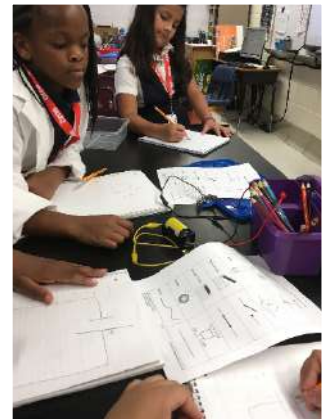
First: We will be building our own dream houses. The students will plan and create a 3-dimensional dream house.

Second: We will be focusing on matter and its properties. The students will be making Oobleck and performing tests to decide which type of matter it will be. The students will be bringing home their own bag of Oobleck in the next few weeks!

Third: We planned and created a Marble Run using recycled materials in the classroom! The students tested their Marble Run to see how far the marble would go and then they graphed the results! We will be researching conductors and insulators for our solar oven projects.

Fourth: We are focusing on magnetism and the properties of magnets. The students are going to build Magnetic Sailboats which can only be moved by using magnets!

Fifth: We are focusing on the properties of matter and improving the play dough recipe. The students will use what they learned about matter and creating their own play dough recipes!



Kids at Work

