

The Robotics Club is honored for their excellent work at the robotics competition.

STEM in 4th Grade at Mason Creek

Our STEM project was amazing! We had so much fun building a city out of shapes and lines! I am so glad we do STEM at my school. I'm going to tell you what we did step by step.

First we had to pass a geometry test to gain our permits so that the 'mayor' would let us build his city. We had to identify ten shapes in a picture. We also had to write the names of shapes and lines that 'he' gave us.

Next we started making the base of our soon to be cities. We got worksheets that told us how to make different parts and what to have in each individual part of the city. There was a lot of shapes that we did not know so we had to do research. We had to draw the shapes it told us to on each one. Here are all the different parts that we had to do: Downtown, Suburbs, Industrial Park, and City Hall.

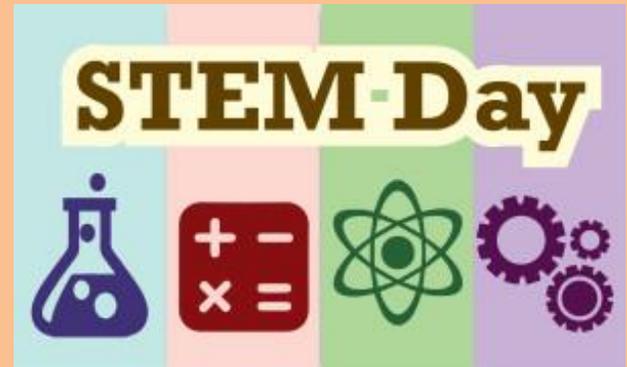
Then we had to build the 3D structure of our city. This involved a lot of fun, cutting, gluing, and taping. We had to put the perfect shapes where they go on our individual parts of the city. It was so much fun making all of the 3D shapes. I would do it all again.

Last we put our 3D models on the papers. We also taped all the individual parts together and made roads. Then we started to have fun with it and admire our finished product.

Student Writer: Jade Hall

At our school, we all love STEM!

Student Writer: Braylee Clark



STEM Day at Mason Creek

May 11, 2018

8:30-11:30

Georgia STEM Day is a day for schools, educators, students, and companies to celebrate, raise awareness, and engage in activities involving science, technology, engineering, and math.

We need volunteers to come to speak or give demonstrations at Mason Creek about your exciting STEM career!

Contact: Sarah Anthony

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A group of 5th grade students was using Vex kits to build robots in STEM class.

STEM DONATIONS NEEDED

empty paper towel rolls
toilet paper rolls
tissue boxes
popsicle sticks
plastic cups

cardboard boxes
bubble wrap
aluminum foil
shoe boxes



These boys are enjoying coding in STEM Class.

STEM class will be supporting the STEM activities in the regular classrooms during the month of April and May.

Kindergarten

Our Kindergarten students have been learning about famous American symbols and monuments. They have been building the Lincoln Memorial, Washington Monument, Statue of Liberty and the White House using a variety of materials such as Legos, Tinker Toys and Vex kits.

1st Grade

Our first grade students have been inventors in STEM. They invented a new device to help our chickens. Some students invented a new way to feed or water the chickens, some students invented an egg catcher and some students invented a toy for the chickens.

2nd Grade

Our second grade students have been using technology to teach about the sun, moon and stars to younger children. They completed a graphic organizer to review the objects in the sky and used Scratch Jr. to show their understanding while coding.

3rd Grade

Our third grade students are just beginning to learn about heat energy. They will be creating and building an ice cooler to try to keep an ice pop from freezing. Students need to bring in cardboard boxes, foil, bubble wrap and other items to make their cooler during the month of May.

4th grade

Our fourth grade students are learning about weather and the water cycle. They researched clouds and created different types of clouds using cotton balls.

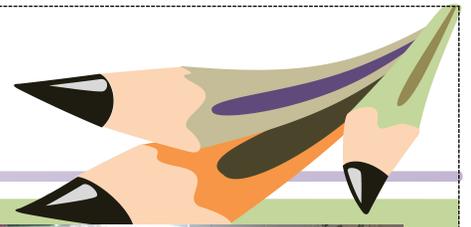
5th grade

Our fifth grade students have been building robots in STEM. They are learning how to follow the steps in the assembly process using the iPads. They should be finishing the robots in May.

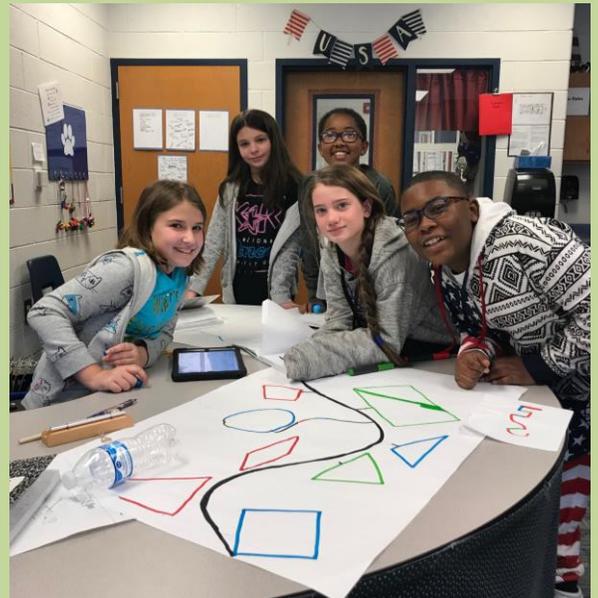
Mason Creek Elementary School

3400 Johnston Road
Winston, GA 30187

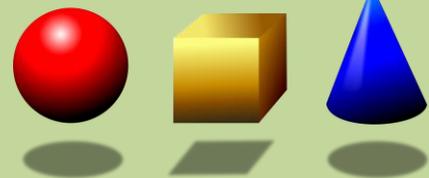
Phone: (770) 651-4900 Fax: (770) 920 - 4282



First graders are coding their stories using iPads.



On STEM day, fifth grade worked on an Ozobot challenge. Students were asked to design a road map of a Geometry themed park. Each group created a blue print using the iPads, where they were able to practice the codes that would be needed for their Ozobot track. Once their codes worked on the iPad, the students then created and coded a large track for the Ozobot on poster paper.



Additional STEM questions may be directed to:

MRS. SARAH ANTHONY

MAES STEM Teacher

2017-18 MAES Teacher of the Year

sarah.anthony@douglas.k12.ga.us