

McCordsville Elementary

STEM

Kristi Norton

What is STEM?

STEM has been a part of the Mt. Vernon Community School Corporation for the past 5 years. Using Project Lead the Way as our main curriculum, the program not only expands students knowledge of science, technology, engineering, and math but helps to build on state standards that are tested on iLearn.

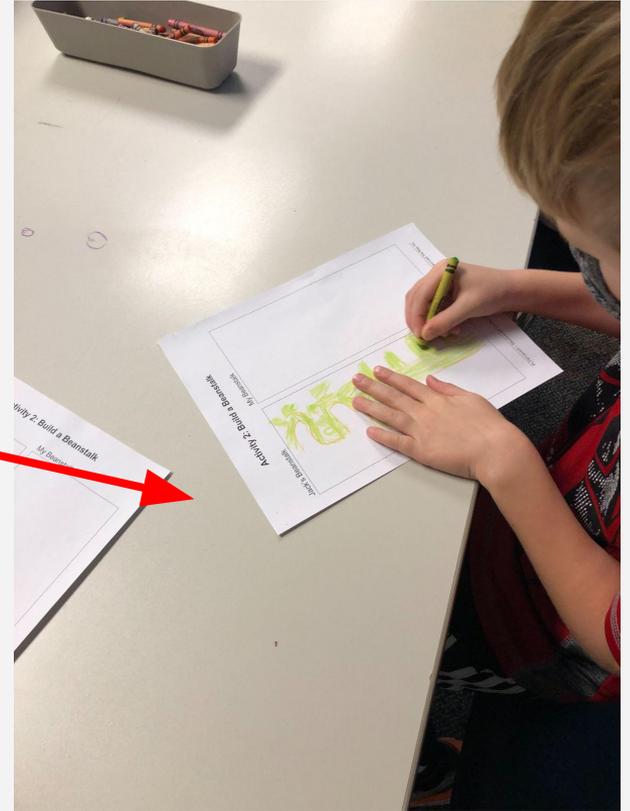
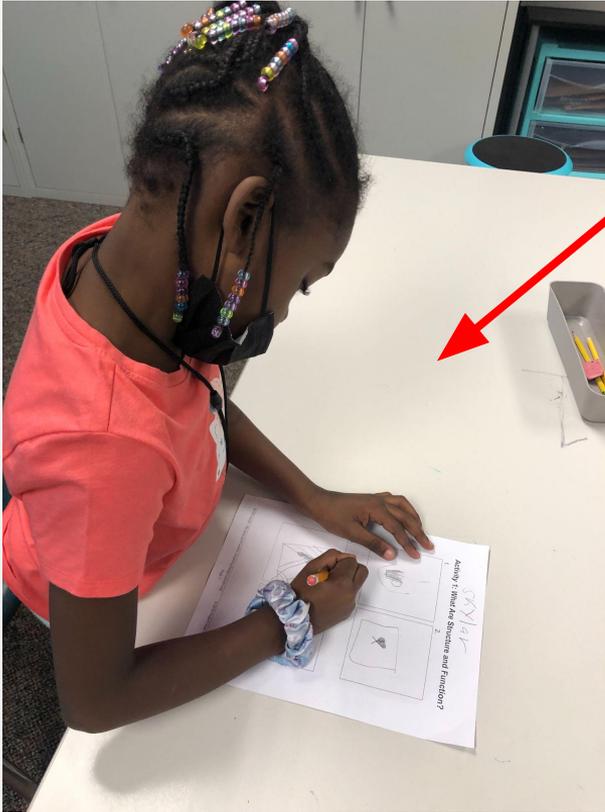
What is happening in STEM now?

Using PLTW, each grade level is presented with a problem at the beginning of a unit. While working through the unit, they build the skills necessary to solve the end project and the presented problem.

Kindergarten

Floating and Sinking:
created boats

Structure and Function:
design a painting tool



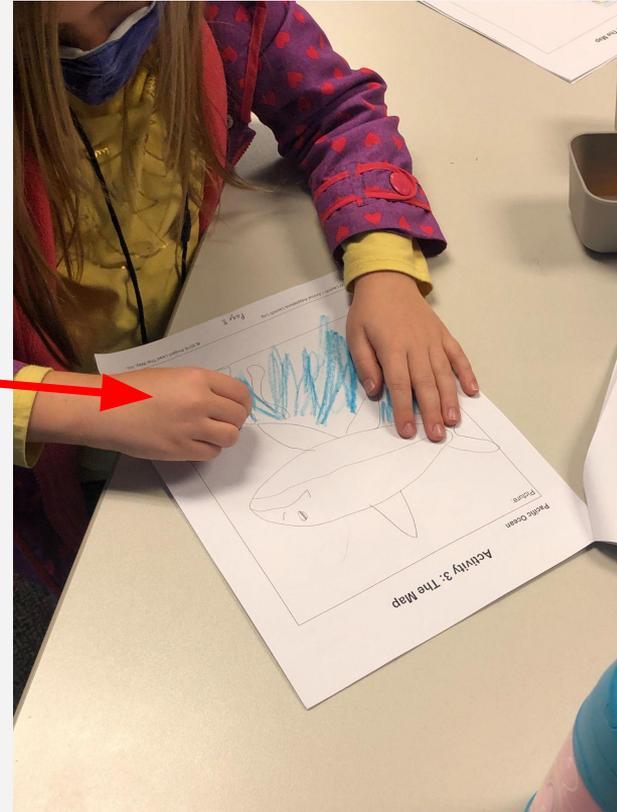
First Grade



Bee Bots (special activity)--Balloons over Broadway

Animal Adaptations:
World Traveler

Next Semester:
animated storytelling



Second Grade



Grids and Games:
Code a game on
Scratch Jr

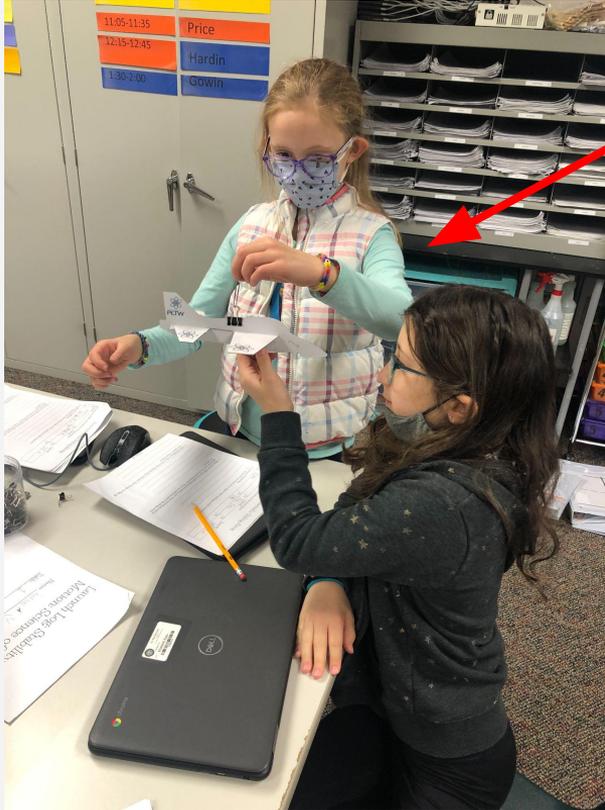
Next Semester:
light, sun, moon, and stars



Third Grade

Stability and Motion(EL):
create a glider to deliver supplies

Next Semester:
Variation of Traits

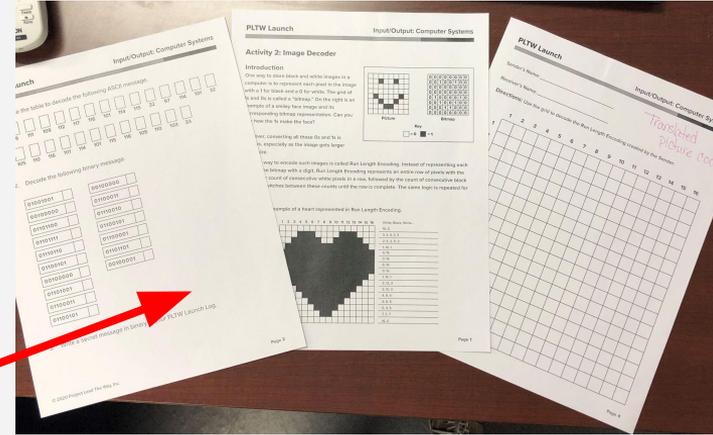


Fourth Grade



Energy:
create a vehicle

Computer Systems:
programming



Fifth Grade

Robotics and Automation:
to move hazardous
materials

Infection Detection:
to discover what illness is
spreading

