

4th Grade students working together!



Typing Club- Keyboarding is necessary today because technology is everywhere. Each student has the opportunity to work on these skills at school and home. Students can access Typing Club in Clever. There are two levels of typing club: Typing Jungle and Jungle Junior



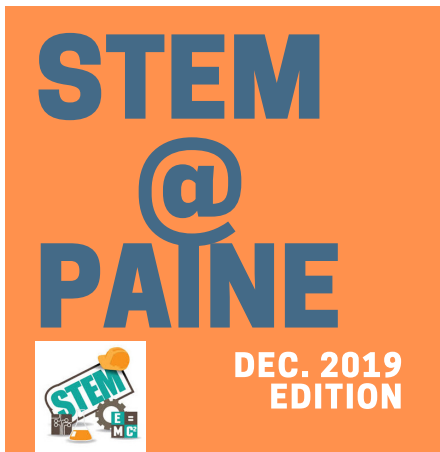
Typing Jungle- This level is for 2nd - 5th grade. The students learn about the home row and correct finger place.

Jungle Junior - This level is for K-1st. The students are learning where all the letters in the alphabet are located, then they move on to the home row of the keyboard.

STEM is the acronym for the subjects of science, technology, engineering, and math. To many, they form the basis for 21st century skills needed to be successful in the evolving jobs of the future.

Computer Science is the study of computers and algorithmic processes, including their principles, their hardware and software designs, their implementation, and their impact on society”

The Engineering Design Process is a series of steps that engineers follow to come up with a solution to a problem. Many times the solution involves designing a product (like a machine or computer code) that meets certain criteria and/or accomplishes a certain task.

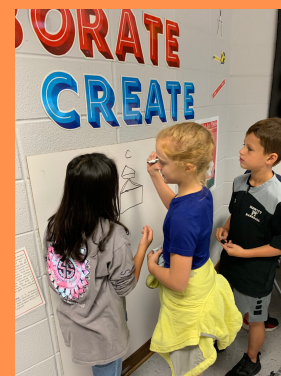


Engineering Design:
Our students participated in a book study on the Questioners by Andrea Beaty. This series of books is a celebration of STEM, perseverance, and passion. This 3-book boxed set includes the beloved picture books Iggy Peck, Architect; Rosie Revere, Engineer; and Ada Twist, Scientist.

Hour of CODE:

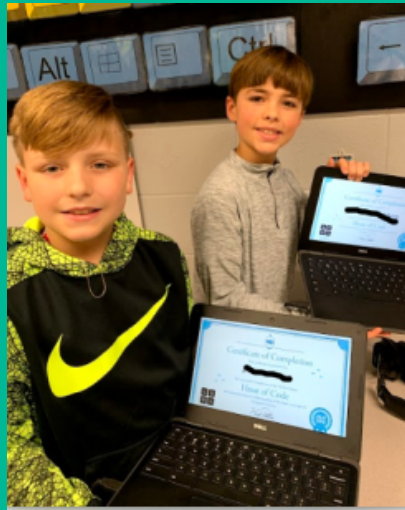
A one-hour introduction to computer science to show that anybody can learn the basics. The goal is to have our students log an Hour of Code in December in celebration of Computer Science Education Week. Our students are actually getting more than an hour of CODE!

Students plan their designs.

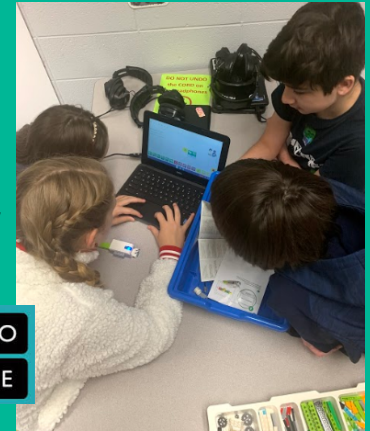
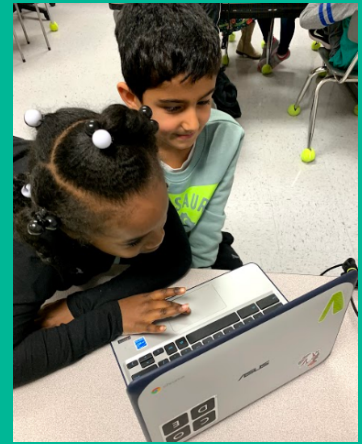




Snowman Robot designed by students with WeDo Legos!



Students complete an HOUR of code in celebration of SC Week!

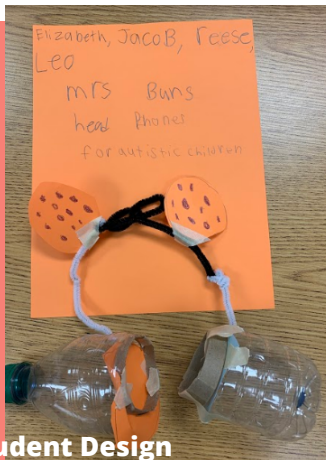


Click below to find out more!

HOUR OF CODE C O D E



Kindergarten Students create designs of a useful item during our study Rosie Rever Engineer.



Student Design

5th Graders design with WeDo Legos



1st Graders build the tallest tower!



5th Grade

Paine At Home STEM Challenge for December!

This month, we want to challenge you to construct a holiday-themed item (like a Christmas tree or a snowman) out of recycled materials. Here are some ideas to help get your brain thinking. Are you up to the challenge? Show us your final product and be featured in next month's newsletter!

Click on the picture to submit your photo and description:



Ideas taken
from:

<https://www.greenmoxie.com/31-diy-christmas-trees-made-from-recycled-materials/>