Coding With Our Cubs

Candor Elementary School

What is Coding?

Coding is a language that programmers use in order to give computers instructions. Some examples of code using technology are:

- Cars
- Computers
- Websites
- Video Games
- Cell Phones
- Point of Sale
- Tablets

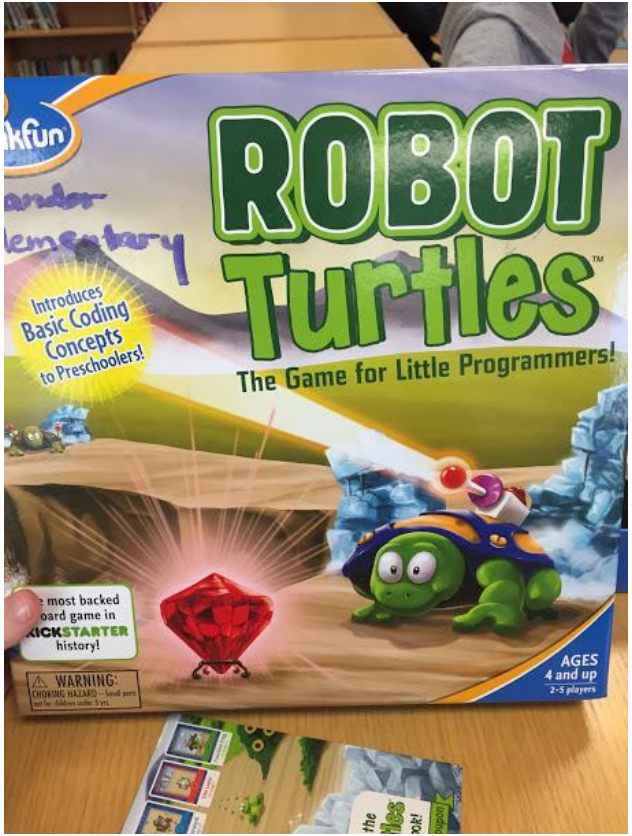
Why is it important to our students?

Using coding within our classrooms keeps students engaged in learning and introduces them to skills for their future. Skills that they can use in their future professions such as:

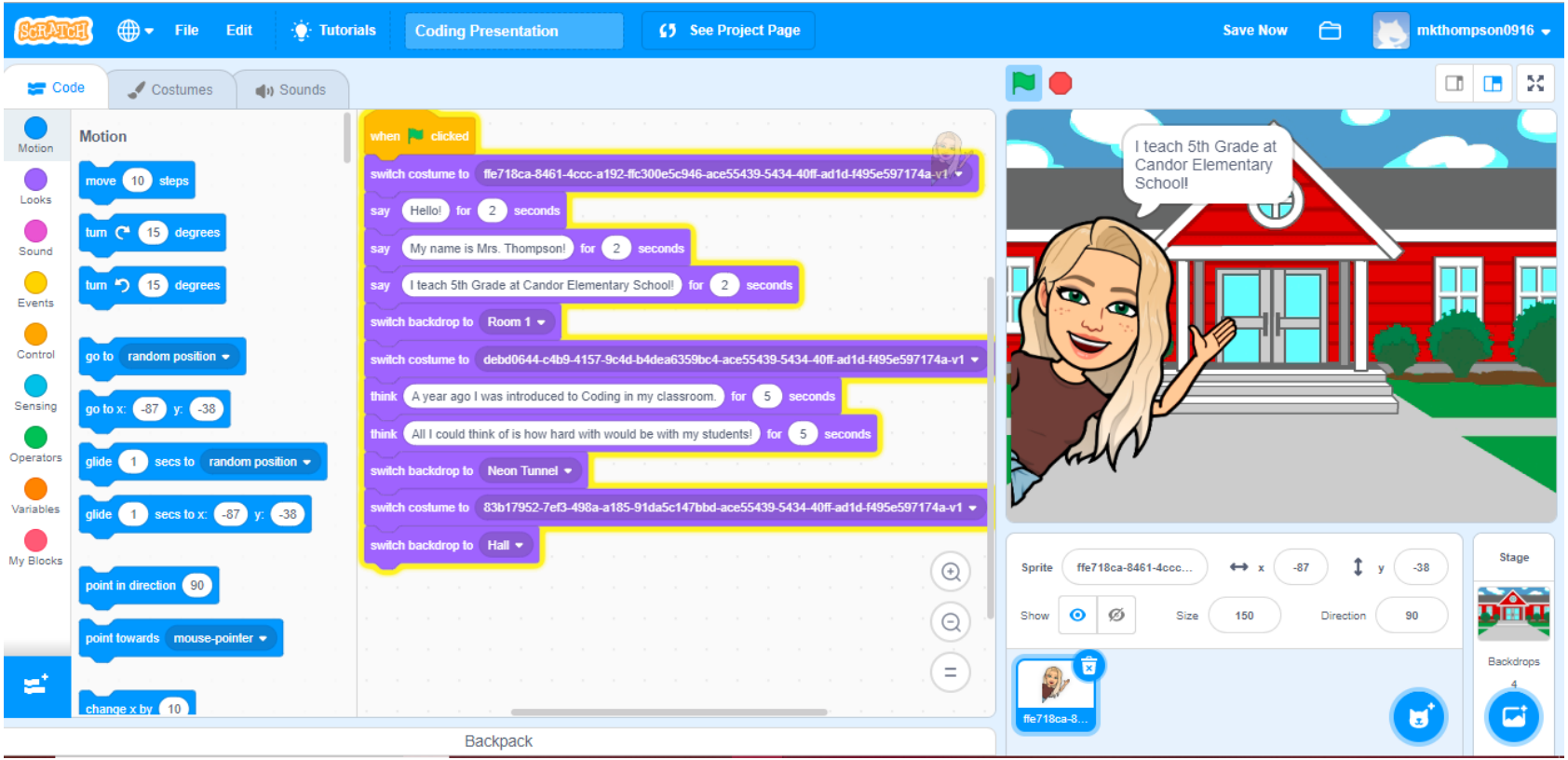
- Critical Thinking
- Problem Solving
- Creativity

Coding in the Classroom

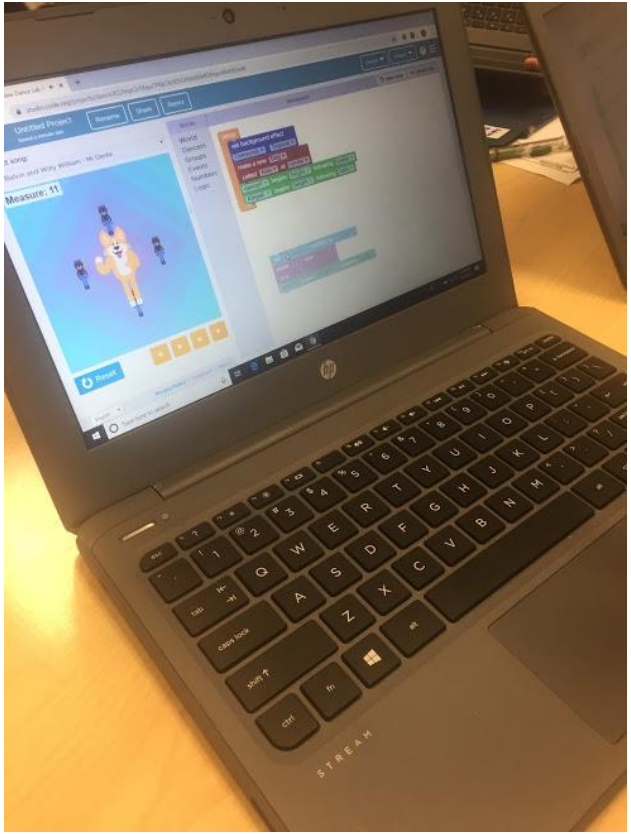
- Coding can be taught using different methods:
  - Paper
  - Technology
  - Physical
- Code can also be integrated with core curriculum
  - Science
  - Math
  - ELA/Storytelling
  - History


ROBOT
Turtles
The Game for Little Programmers!
Introduces Basic Coding Concepts to Preschoolers!
AGES 4 and up
2-5 players



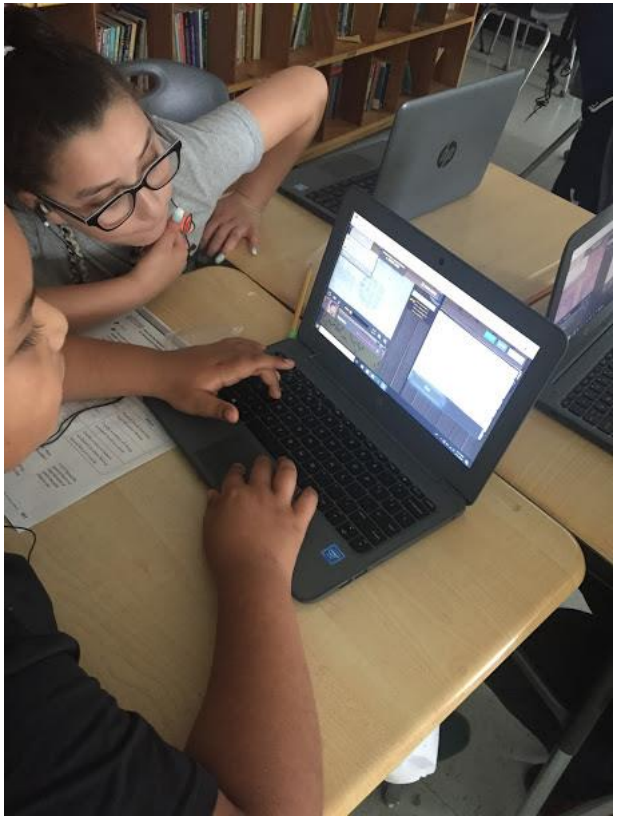


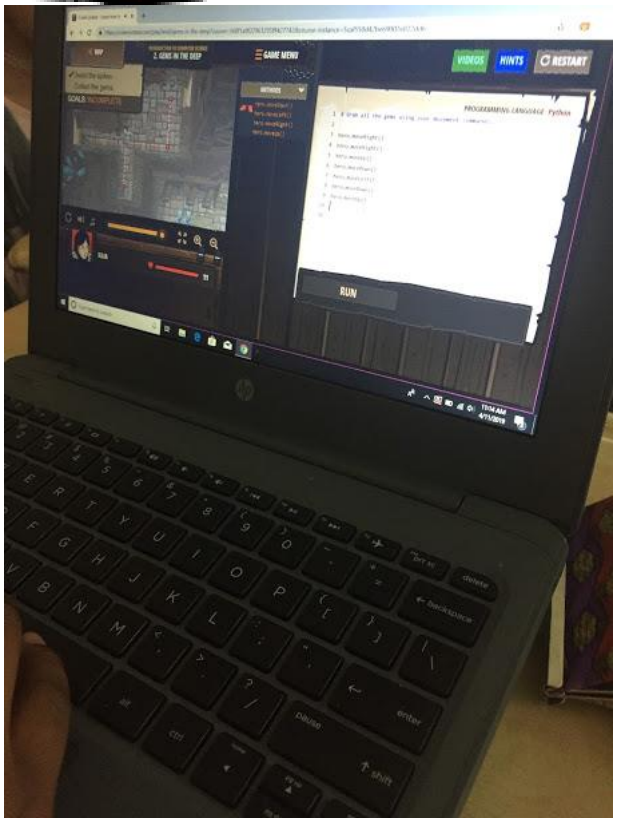
https://scratch.mit.edu/projects/332783940/



C O
D E

CODE COMBAT





Google CS First



Interactive Presentation

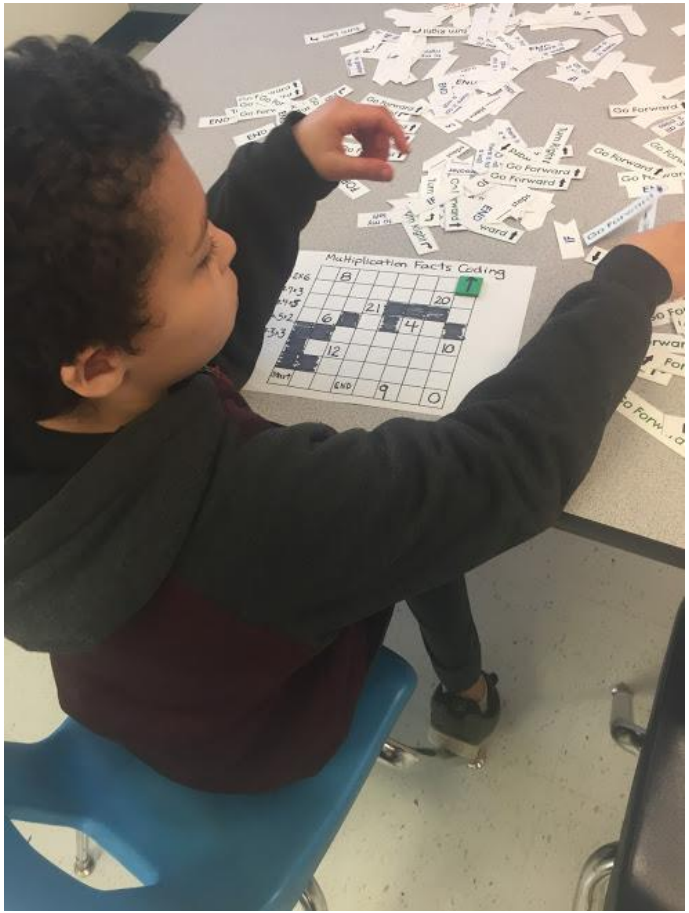
Introductory · 2 activities · 1 hour

¡Disponible en español! · Supports ELA

Students create a new presentation, or take an existing one, and make it interactive in Scratch.

View | Add to class

Math Integration



Plans for Coding!

Teachers are using coding weekly with their students. This summer 8 of our teachers from Candor Elementary attended a full day technology training with CODE.ORG. Teachers were able to dig deeper into what coding can do for our students and what we can do with coding!

This year we are offering STEM as a *specials class* for students every 3 weeks!

We are also working on purchasing more STEM related materials for classroom use and working to begin STEM/Coding Clubs for students.

We are looking to do more exciting things this year with all of our students!