



## COLORFUL CODING WITH PRE-K



Computing jobs are the #1 source of new wages in the United States. **500,000 CURRENT OPENINGS:** These jobs are in every industry and every state, and they're projected to grow at twice the rate of all other jobs.



### OVERVIEW

This unit will introduce students to the basics of coding through a mix of exploratory activities that can be taught in centers or within whole-group instruction time. Supporting the learning with literature, manipulative activities, and using code to engineer robots, students will see how coding is systematic, predictable, and enjoyable to control.

Instruction Time: 4 Week Unit

### IN THE KIT

- **Sphero indi Educational Robot Student Kits**
- Sand Molds Beach Toys for Kids
- Kinetic Sand
- Learning Resources Color Paddles
- Wooden Sorting Stacking Toy
- STEM 3D Building Toys
- Learning Resources All About Me Sorting Neighborhood
- Primary Science Jumbo Magnifiers
- My First Wooden Stamp Sets - Vehicles
- Counting Peg Boards
- Frog Balance Counting Toys
- Tape - Blue Painters
- Cars - Pull Back
- How to Code a Sandcastle by Josh Funk & Sara Palacios (Book)
- How to Code a Roller Coaster by Josh Funk & Sara Palacios (Book)
- If I Were A Wizard by Paul Hamilton (Book)

### SOFTWARE/APPS



Sphero EDU Jr  
iOS and Android



Wizard AR  
iOS and Android



Device Compatibility: iPads preferred, most Chromebooks with Google Play Store

