

Code to Learn! Roanoke County ITRTs

You will have a chance to explore 4 of these stations. Use the descriptions below to choose.

Station 1: Paper Coding – Holly Ireland

Activity: Coding is fun with Micropopz. Learn how to use these superheroes to code your way through math, science or writing.

Recommended for grades K-5. Teachers can make this adjust the difficulty level as needed for their students. Paper coding is great for whole group instruction as well as small group learning stations.

Station 2: ScratchJr. - Number Patterns and Counting – Sherri Rickman

Activity: Move a character across the stage counting by 1's, 5's and 10's

Recommended for grades K-2. App is available in Apple and Google Play stores.

Station 3: Scratch (Famous American) – Tina Coffey

Activity: Code Famous Americans to say important facts about themselves.

Recommended for grades 2-5. Scratch is a free program or website (<https://scratch.mit.edu>).

Station 4: Dash – Ann Keith

Activity: Use the Blockly app to program Dash the robot to adventure through an obstacle course made of geometric figures. The math focus incorporates the measurement of the perimeter and area of basic shapes.

Recommended for grades 3-5. The Dash robot is a product of Wonder Workshop. The free Blockly app is available in Apple and Google Play stores, and requires a Dash and Bluetooth enabled device.

Station 5: Binary Bracelets – Courtney Jones

Activity: Learn the computer language of Binary Code while you make your own Binary Bracelet with your initials.

Recommended for grades 1-5.

Station 6: Blue Bots – Meg Swecker

Activity: Use Blue Bots to support shape recognition, emergent reading skills, and connect to children's literature, while developing analytical thinking skills.

Recommended for grades PK-2. The free Blue Bot app is available in Apple and Google Play stores. The app can connect to the Blue Bot via Bluetooth or be used independently.

Contact Us



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Presentation Materials can be found at: www.learningcollaboratory.com