

Coding Mini Lesson

This mini lesson will be for my 7th grade math class.

Students will begin to work on and develop their coding skills as a math mini lesson.

This will begin with $\frac{1}{2}$ of students working on their iPads with the Mimo app. This app allows for students to develop and start where they are at skillswise. There are a variety of instructions and tips to help the students become better at coding. The other $\frac{1}{2}$ of class will be working with Cue bots that are made by Wonder Workshop. To move these robots the students need to code. Given a floor mat of a variety of numbers, students will have to solve math problems and move the robot to the correct number. These will be done in pairs of 3. One student will solve the problem, one student will move the robot, and the third student will check answers and time the amount of time it takes for students to get the problem solved and to the correct spot. After each problem, students will rotate roles. This will work on their coding, and the practice of specific math problems.