



iRobot Coding with Coins

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Driving Question:

- How can I create step by step directions to move the robot to the correct price tag on the mat?

Overview:

In this lesson, students will use iRobot coding blocks to program a robot to move to correct price tags on a mat. The activity is designed to help students learn the value of coins and practice counting money. Students will work in groups of 2-3 to pick a card, count the coins, program the iRobot to the corresponding item on the mat, and then state the price of the item.

Materials

- CS_Q3_Unit 4_1.AP.2b_Coding with Coins
- Coding with Coins Cards.pdf
- 1st Shopping Money Grid Algorithm

Core SOLs

- 1.NS.1

Computer Science SOLs

- 1.AP.2

Lesson Plan:

Please see attached lesson plan for step-by-step procedures.