Sphero Challenge 1

A"Mazing" Sphero



Your Task:

Design a maze for Sphero to navigate and code him to go through it!

What You Need:

- Sphero Bolt or RVR robot
- Chromebook or iPad with Sphero EDU installed
- maze building materials: Use one or all of the following:
  - painters tape
  - bulletin board paper
  - markers
  - blocks
- meter stick

Directions:

1. Start with the finish. Create a 15 cm square.
2. Create a 45 centimeter square around the finish square.
3. Continue to make squares around the first two. Each one should be larger than the last. The distance between the sides must be at least 15 centimeters.
4. Once you have at least 4 squares, go back and remove part of each square's lines as "openings" within the maze. To block off paths, use blocks or draw lines.
5. Add a starting square.
6. Open the Sphero EDU app and select programs from the bottom of the page. Do NOT sign into the app.
7. Hit the Plus sign in the bottom right hand corner, name your program and select the Blocks as the type of program you will be creating.
8. Design a code that will get Sphero from the starting point to the ending point.

Extension: Design a free form maze!