

Mapping the maze

1st grade

Computers/technology

Materials:

- Beebot
- computer to map out maze
- Cardboard to construct the maze
- sketchbook app
- Printer

During this lesson, the children will log on to their computers and use the sketchbook app to design a maze for their Beebot to travel through. Once the design is approved by the teacher, they will print out their design. They will then take their design and use cardboard to construct their maze. They will take their Beebot and code it to work its way through the maze. They will continue restarting until the maze is completed by their Beebot.

This activity would be best performed in groups of two or small groups. This will aid in positive peer social interaction. They will also learn the beginning stages of coding.