



Geometry Task Cards

Created by

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Topics

Mathematics

Ages

Grades 3-5

Duration

30-45 minutes

Geometry Ozobot Challenge

Can you create a map for your Ozobot to travel on that includes the geometry vocabulary on your task card?

Directions: Pick a task card and follow all directions to create your map. Make sure your Ozobot map contains the specified vocabulary terms and codes. If you have time you can get another task card and create a new map.

Materials: Ozobot, markers, code reference chart, task cards, graph paper

Virginia SOL's: 4.10 and 3.15

Ozobot Challenge #1

Create an Ozobot map that includes two rays that are parallel.

Include the following codes: tornado, line jump, and spin.

Ozobot Challenge #2

Create an Ozobot map that is made up of two rays that intersect.

Include the following codes: tornado, U-turn, and turn left or right.

Ozobot Challenge #3

Create an Ozobot map that includes parallel lines and intersecting lines.

Include the following codes: line jump, tornado, and slow.

Ozobot Challenge #4

Create an Ozobot map that includes two perpendicular line segments.

Include the codes: fast, 3 second pause, and U-turn.

Ozobot Challenge #5

Create an Ozobot map that is a line segment with A and B as endpoints.

Include the codes: spin, fast, and zigzag.

Ozobot Challenge #6

Create an Ozobot map that includes two rays that are perpendicular.

Include the codes: U-turn, turn left or right, and a 3 second pause.

Ozobot Challenge #7

Create an Ozobot map that includes parallel lines and an angle.

Include the following codes: line jump, turbo, and zigzag

Ozobot Challenge #8

Create an Ozobot map that includes two rays that are perpendicular.

Include codes: U-turn, go left or right, and spin.

Ozobot Challenge #9

Create an Ozobot map that includes two parallel line segments with endpoints.

Include codes: line jump, turbo, and spin

Ozobot Challenge #10

Create an Ozobot map that includes two rays that form an angle.

Include codes: U-turn, slow, and zigzag.

Ozobot Challenge #11

Create an Ozobot map that includes two rays that are perpendicular.

Include codes: turbo, turn left or right, and U-turn.

Ozobot Challenge #12

Create an Ozobot map that includes two intersecting lines.

Include codes: U-turn, turbo, and turn left or right.