

DriveOhio Robot Racing Challenge



May 6 – 9
#COSISciFest



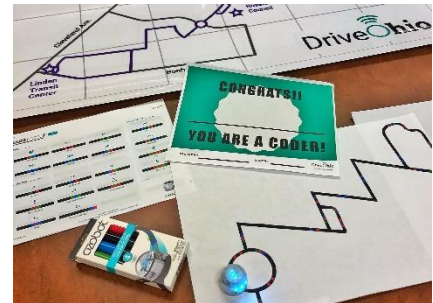
Create a map, then watch a robot follow your route!

Here's what you'll need:

1. Blank paper (white paper works best)
2. Magic markers (black, red, blue, green)

Here's what to do:

1. Print a robot map template (see **pages 2-3**), or create your own.
2. Fill in your robot map using the markers (see **tips below**).
3. Scan or take a photo, and email to workforce@drive.ohio.gov
4. 🙌 **Congrats – you're a coder!**
5. Follow **#COSISciFest** on social media on **Saturday, May 9** between **11am – 5pm**, and watch for your map in the robot race!



Here are a few tips and suggestions:

- **Ozobot** robots will follow any black line (**1/4" wide** is best).
- Add color “codes” between the black lines (see **pages 4-5**).
- Give your robot a **fun name** – and **tell a story** with your map!
- Add **artwork**, **hashtags**, and **landmarks** to your map.
- **Be creative**, let yourself make mistakes, and **have fun!**

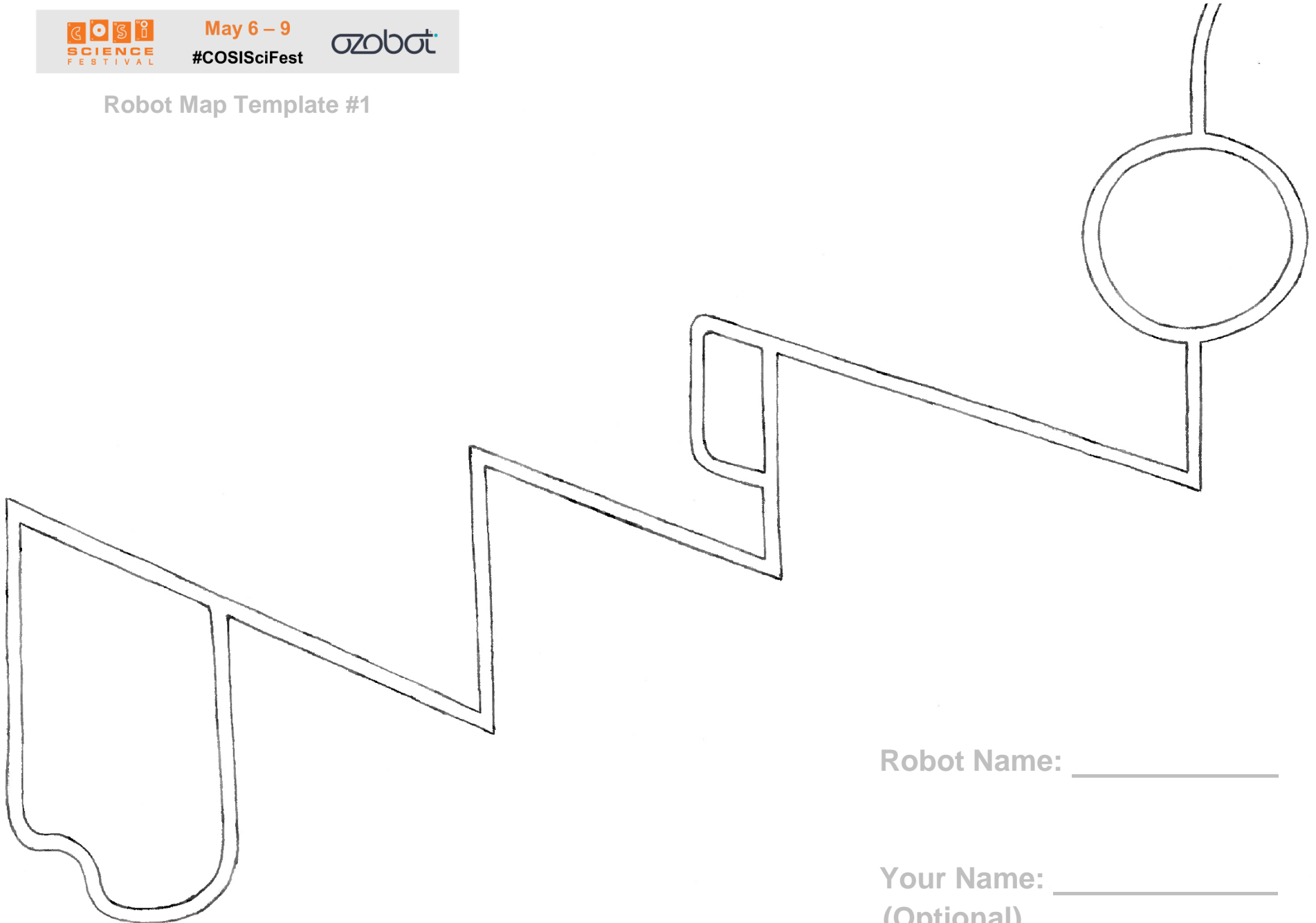
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Robot Map Template #1

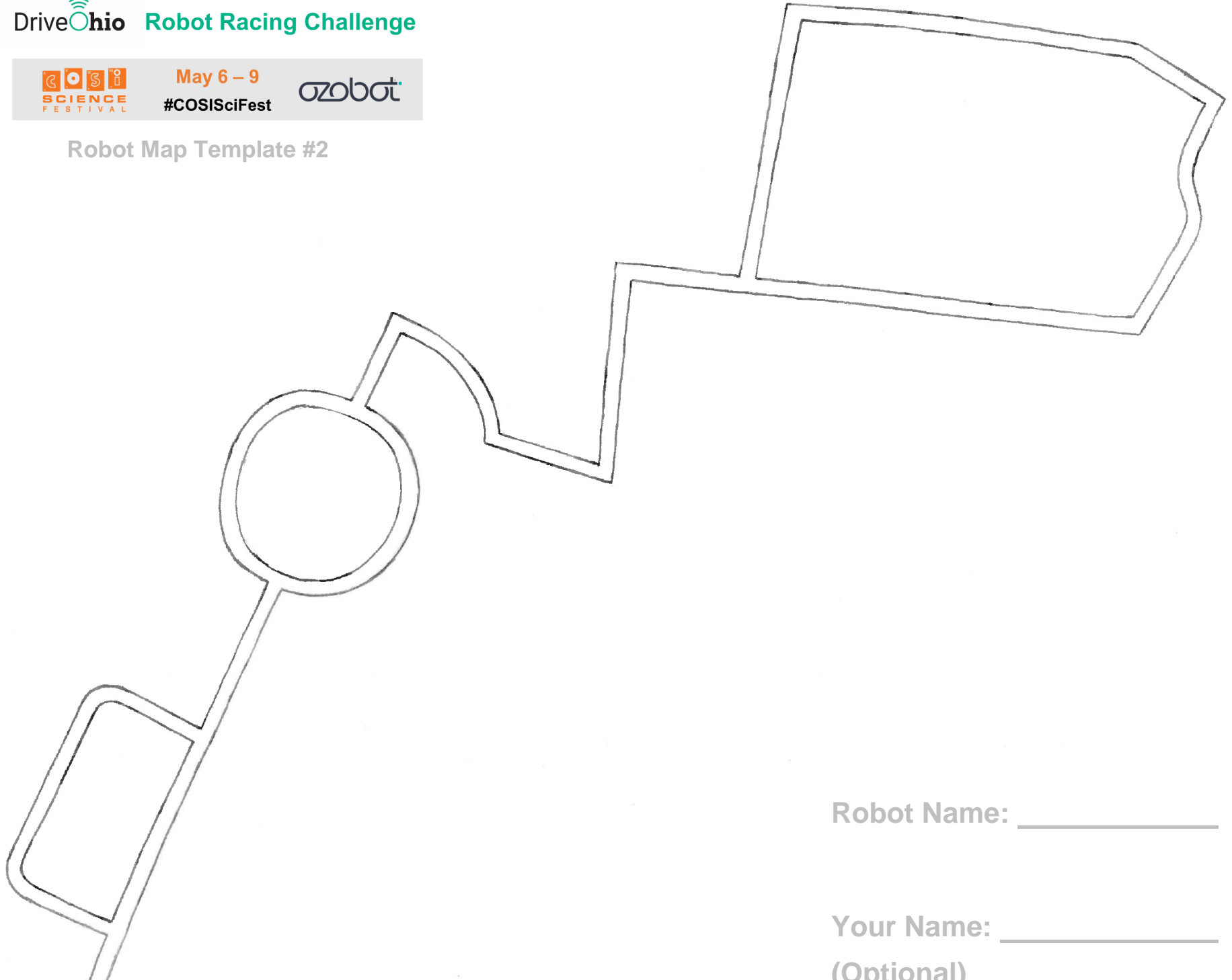


Robot Name: _____

Your Name: _____
(Optional)



Robot Map Template #2













Robot Name: _____









Your Name: _____

(Optional)

SPEED

  SNAIL DOSE	  SLOW	  CRUISE
  FAST	  TURBO	  NITRO BOOST

















COOL MOVES

  ZIGZAG
  BACKWALK
  SPIN
  TORNADO

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DIRECTION




  GO LEFT	  GO STRAIGHT	  GO RIGHT
  LINE JUMP LEFT	  LINE JUMP STRAIGHT	  LINE JUMP RIGHT
  U TURN	  U TURN (LINE END)	

COLOR CODES




SPEED

 SNAIL DOSE	 SLOW	 CRUISE
 FAST	 TURBO	 NITRO BOOST




DIRECTION

 GO LEFT	 GO STRAIGHT	 GO RIGHT
 LINE JUMP LEFT	 LINE JUMP STRAIGHT	 LINE JUMP RIGHT
 U TURN	 U TURN (LINE END)	

TIMERS

 TIMER ON (30 SEC. TO STOP)	 TIMER OFF	 PAUSE (3 SEC.)
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COOL MOVES







 TORNADO	 ZIGZAG	 SPIN	 BACKWALK
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WIN/EXITS

 WIN/EXIT (PLAY AGAIN)
 WIN/EXIT (GAME OVER)

COUNTERS

FIVE DOWN TO STOP

 ENABLE X-ING COUNTER
 ENABLE TURN COUNTER
 ENABLE PATH COLOR COUNTER
 ENABLE POINT COUNTER
 POINT +1
 POINT -1

CONGRATS!!

YOU ARE A CODER!

SIGNED: _____

DATE: _____