

Name: _____

Date: _____



Introduction to Ozobot Blockly 06: Line Navigation

Activity Sheet

1 What is the purpose of the Line Navigation category in Ozoblockly?

The purpose of the Line Navigation category is to provide an option to code Ozobots to follow lines.

2 Can you use a "follow line to next intersection or line end" block together with a yellow Movement block to change the speed of your Ozobot? If not, what block would you use?

Yes _____ No ☒ X

You would use a "set line-following speed to" block from the Line Navigation category.

3 What happens when your code ends with a "pick direction" block?

The bot stops. A "follow line to next intersection or line end" is needed for the bot to continue along the line.

4 What is the action of your bot when it goes over a Color Code while running the block "follow line to next intersection or line-end"?

It does not read a Color Code. It will continue along the line.