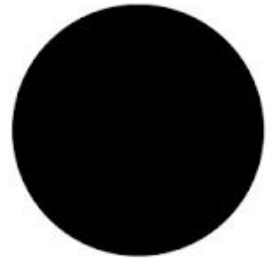


Name: _____

Date: _____

Ozobot Challenge: Rotation and Revolution

Calibrate here!



1. Can you code your Ozobot to mimic Earth's rotation on its axis? Using at least ONE color code from the Ozobot Color Code handout create Earth's rotation on its axis in the space below. Then, answer the questions on the next page.

Which color code did you use from the Ozobot Color Code handout?

Why does the code you picked best mimic Earth's rotation on its axis?

Describe how Earth rotates on its axis.

Why do we have different seasons?



Please raise your hand so I can check your code before you move on.

2. Can you code your Ozobot to mimic Earth's revolution around the sun? Using at least ONE color code from the Ozobot Color Code handout create Earth's revolution around the sun in the space below. Then, answer the questions on the next page.

Which color code did you use from the Ozobot Color Code handout?

Why does the code you picked best mimic Earth's revolution around the sun?

Describe the difference between Earth's rotation and revolution.
