

## **2: Line Following – Creating the Solution**

**Discuss and answer the following questions in your learning journal. Give the game a go to try and figure out some of these answers.**

- 1. List the sensing blocks that your robot will need to use to follow a line.**
- 2. For each of these blocks, what do they measure?**
- 3. For each of these blocks, what type of sensor would be required to get this information?**

**For each of the sensors in question 3, answer the following questions in your learning journal:**

- 1. What does this sensor do?**
- 2. List 3 examples of where we could use this in our situation?**
- 3. Can you explain how it works? If possible, you might want to draw a diagram to aid your explanation. You could also include mathematical equations to help explain your answer.**