

0: 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. **What sensing blocks are available?**
2. **What do they measure?**
3. **What sensors would be required to get this information?**
4. **What action blocks are available?**
5. **What do they do?**
6. **Are there any inputs/parameters to change how it does this?**
7. **What actuators would be required to perform this action?**

For each of the sensors in question 3 and actuators in question 7, answer the following questions in your learning journal:

1. **What does this sensor/actuator 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.