

0: Line Following – The Solution

A line following robot is one of many possible solutions that could be used to navigate its way through a warehouse to put out the fire. Answer the following questions about line-following robots in your learning journal. Remember to research on the internet to find out the answers to these questions and discuss them with your classmates.

- 1. Describe what a line following robot is in one or two sentences.**
- 2. List two examples where a robot may use line-following for navigation.**
- 3. How does a line-following robot work?**
- 4. Discuss the importance of using lines for navigation for robots.** Why do these robots use lines?
What makes lines useful to them? Why would you use line following over other methods of navigation?
- 5. What do you think would happen if suddenly there was no line?** This may be the case if the lines are poorly maintained or incorrectly created.
- 6. Can you find any real-life examples for the previous question?**

