

Student Journal

U2-2.1a Challenge up: Drive the maze safely

For this activity, you will need to write a program telling Edison to drive the maze on activity sheet U2-3. This time, however, Edison needs to be a very safe driver. On the road, drivers use their indicator lights and horn to alert other drivers. Edison can do these things too!

Drive the maze starting at the outline and driving forwards to the finish line. Your program should end after Edison crosses the finish line.

Your program needs to tell Edison to pause and use the LED lights to 'indicate' before making each turn in the maze. Make sure other drivers would be able to see the LED's indicate!

Design a crazy car to carefully drive through your maze.

Draw your crazy car creation!

Activity sheet U2-3: Mini maze

