

## technology

# Floor robot to a target

## Learning objectives

- Plan a short sequence of moves toward a target on a floor mat
- Run the floor robot (or child robot) and watch where it stops
- Fix one wrong step if the robot misses the target

## Materials

| Item                                         | Qty | Per   | Source     | Low-cost substitute                                                  |
|----------------------------------------------|-----|-------|------------|----------------------------------------------------------------------|
| floor robot (Bee-Bot or similar)             | 1   | class | school kit | one child acts as the robot and only moves when shown an arrow card  |
| masking tape for one floor grid              | 1   | class | classroom  | chalk squares on a hard floor, or large paper squares laid in a grid |
| target marker (star card or small toy)       | 1   | class | classroom  | a sticky note or a book as the target square                         |
| arrow cards (forward, turn left, turn right) | 1   | class | classroom  | point with a finger and say the step aloud if cards are not ready    |

## Safety watch-point

Clear bags, chairs and feet from the floor mat before any robot moves. Floor robots stay on the floor only and are never lifted near faces. Children walk, not run, around the mats. If using a child robot, no pushing or bumping. Wipe or peel tape carefully after the lesson so the floor stays safe.