

Robot Directions (Algorithms)

AC9M1SP02_E2 Creating and following an algorithm — a set of instructions to move an object to a different location; for example role-playing a robot following step-by-step instructions, only moving as instructed.

Learning Intention: I can make and follow a set of step-by-step instructions to move like a robot.

1. Make Steps

Write instructions in order.

step 1, step 2, step 3
one move per step.

2. Be the Robot

Only move when told.

do exactly each step
no extra moves.

3. Check the End

Did the robot arrive?

if not, fix a step
then try the steps again.

💡 Model It

Algorithm: 1. forward 2 steps. 2. turn left. 3. forward 1 step. The robot reaches the box, moving only as told.



Let's Talk

What is step 1?

What should the robot do next?

Did it arrive?

Which step should we fix?

For Teachers & Parents

Write simple steps:

one instruction at a time.

Play robot:

the child moves only as instructed.

Debug together if it goes wrong.