

# Experimenta Life Forms

## At Home Activity

### A World of Robots

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| **Materials**  
| Pencil or marker (your choice!)  
| 2 pieces of A4 paper  
|  
)



You can print out the activity sheet or just draw it onto your own piece of paper.

## Step 1

Robots are found in many aspects of our lives. You can find them in our homes, in factories, along the street. You can even spot them as part of machines in the sky and in the ocean!

**Describe in 25 words or less an environment that you meet a robot** (10mins)

Example: "When I walked into the lounge room, the Robot-Roomba bumped into my foot as it continued to vacuum around the couch"

## Step 2

We all know that robots are incredible, but they do have limits as technology is still progressing.

**Fill in 5 things this robot can do and 5 things this robot can't do.** Can it fly? Does it talk? Can it be your friend? Does it have a mind of its own? (10mins)

### CAN DO

- 1.
- 2.
- 3.
- 4.
- 5.

### CAN'T DO

- 1.
- 2.
- 3.
- 4.
- 5.

## Step 3

**If you were to spend 1 day with this robot. What activities does it do?** Does it make something for you? Does it move objects? When does it power down and need time to charge? (10 mins)

Example:

**MORNING** The Robot-Roomba snoozes until late in the day, making sure its battery is fully charged.

**NIGHTTIME** While we're all in bed, Robot-Roomba takes over the whole house, sucking up all the dust along the floor"

**MORNING**

**AFTERNOON**

**NIGHT TIME**

## Step 4

Now that you know your robot a little better, fill out the **ROBOT OPERATION MANUAL**



Explain to us how this robot operates and how this amazing machine is part of your life. (20mins)

**REMEMBER!** This manual can be based on a robot you know or one that is yet to be invented.

Robotic technology is still evolving so it's up to you to imagine how it operates in the world.

If you don't have a printer - just draw the table on your 2nd piece of paper.

# Experimenta Life Forms A World of Robots

Robot Name:

Service Provider (Your first name):

Profile Photo (draw the robot in the box)

Main Function (what is the robot's best talent?):

Malfunction Warning (signs that the robot is not working)

User Manual (write a short story as an example of how this robot operates in the world).

Share with us!

