

Lesson – Unit 2 Electricity and Electronics – Lesson Objective: To be able to define what is robotics with real world applications

Name: _____ Class _____

Robotics

History of robotics

Activity 2

Choose whether the statements below are true or false.

Statement	True / False
Jacques de Vaucanson created the Flying Pigeon.	
The Flying Pigeon was able to fly 200 metres.	
The Flute Player was designed in 1948.	
The first ever robot was built by Grey Walters.	
The Unimate was built by George Devol.	
The Unimate searched for food using light sensors.	



Activity 5

Use the following words to fill in the blanks

cannot

water

robots

wheels

three

There are many different types of _____. Each robot is used in different way. Some can move, and others _____. Robots that can move can be broken down into _____ categories - those that are used for flying, those that stay on the ground and those that are used in _____. Robots that stay on the ground can have _____ or legs.



Activity 4

Types of robots

Ahmed is creating a decision tree so that it can be easier to identify robots. Mariam wants to try and complete the decision tree.



Name: _____ Class _____

Robots and their uses

Activity 6 Interactive



Match the type of robot with the correct image.

	Manufacturing Robot
	Space Robot
	Medical Robot
	House Robot

How do robots know what to do?

Activity 7 Interactive



Mariam and Ahmed are learning about Robots.
They learnt that a robot needs an **input** to produce an **output**.

Below is an example of a **house cleaning robot**.



Complete the activity below by selecting the **input**, **process**, **output** for this robot.

Input

Process

Output

☐ Robot **decides** whether it is dirt or not.

☐ Robot **cleans** up dirt.

☐ Robot **scans** area for dirt.

