Robotics

Key stage 3

Summer 2019

Robotics Keystage 3 for yrs 7,8,9

State whether true or false

1. Every machine is a robot. True/false
2. Every robot is a machine. True/false
3. A machine which looks like a human being is only called a robot true/false
4. Robots dont have any intelligence true/false
5. Every machine can perform its task independently without any human intervention true/false

Fill in the blanks – human operator sensors simple machine complex artifiical

1. A robot senses the surroundings with the help of
2. A robot is a virtual or mechanical agent.
3. A machine needs a to perform its intended task.
4. A is a tool or device made up of one basic machine.
5. A system in which all simple machines work together is called machines.

Research the key features of a robot and describe each.

Name 5 sensors that a robot can have.

Use the internet or books and research the history of robots. Copy and paste a picture of a robot of your choice and answer the following:

1. What is the name given to this robot ?
2. For what purpose was this robot built ?