





TEACHING NOTES

**WHAT IS A ROBOT**

Through class discussion students should list a number of machines that either have robotic components or are an entire robot, they should discuss and list what category these machines fit into.

Examples of machines fitting this category are shown below:

ITEM	IS A robot	Has robotic components	no	possibly	Not Sure
Automatic garage door					
Mobile Phone					
Fax machine					
Auto Teller machine					
Video player					
Mail sorting machine					
Computer Printer					
Lunar surface exploration vehicle					
Space Rocket					
Packaging production line					
Security sensor light					

Via this analysis and the Robotics Spread Sheet the class should come up with their own definition of a robot-

Example definition from The Tech Museum of Innovation web site is :

***“A robot is a machine that gathers information about its environment (senses) and uses that information (thinks) to follow instructions to do work (acts).”***

Quote from : : <http://www.thetech.org/robotics/index.html>