

ใบงานที่ 1 เรื่อง Reading passage: Machines Are Like Us

หน่วยการเรียนรู้ที่ 4 เรื่อง Technology & Science

แผนการจัดการเรียนรู้ที่ 5 เรื่อง Future Is Here

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ชื่อ - สกุล ชั้น..... เลขที่.....

Vocabulary Practice

Directions: Match the words with its definitions.

manufacturing

automotive

respond

surfaces

reaction

muscles

movement

appropriate

command

1. _____ a mass of tissue in the body, often attached to bones
2. _____ the business of producing goods in large numbers, especially in factories
3. _____ the outer or top part or layer of something
4. _____ a change of position
5. _____ relating to road vehicles
6. _____ suitable or right for a particular situation
7. _____ to say or do something as a reaction to something
8. _____ an order, especially one given by a soldier
9. _____ behavior, a feeling or an action that is a direct result of something else

Pre-reading questions

1. What are machines you have found in your daily life?

2. What are the similarities of robots and humans in your idea?

Machines Are Like Us

by Staff Writer

Robots are important in many fields, including the manufacturing, automotive, and medical industries.

Most robots do not look exactly like humans, but they do share several qualities with people. To start, a person may sense the surrounding world using eyes, ears, nose, tongue, and skin that responds to touch. A robot may have sensors that respond to light, sounds, pressure, and chemicals in the air or on surfaces. Next, a human has a brain that responds to this sense information and controls reactions. A robot has a control system and programs that are designed to respond to similar information. Finally, the human brain gives commands to the muscles using the nervous system that can give them movement. A robot's computer "brain" decides on appropriate reactions for the robot "body." The control system gives commands to its moving parts through a computer program which makes them move! As we can see, machines or robots are really like humans.

adapted from <https://www.readingvine.com/passages/machines-like-us>

Directions: Read the passage and answer the following questions.

Part I: Questions

1. What areas can machines be used with?

2. What do machines use sensors for?

3. What gives humans movement?

4. How many similarities of machines and humans are there in the passage?

Directions: Decide if these statements are true or false based on the passage.

1. _____ Robots are essential in a lot of ways.
2. _____ People use organs to touch their surrounding world.
3. _____ The human brain gives commands to the machines.
4. _____ There is not a control system in machines.