Robots and Artificial Intelligence

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Robots are amazing machines that can help people do many things. A robot is a **machine** that can move and work by itself. Scientists build robots to make our lives easier.

Many robots look like humans, but others look very different. Some robots have arms and legs like people. They can walk, pick up things, and even dance! Other robots are small and round. They can clean your house or cut the grass in your yard.

Robots have **computer** brains called **artificial** intelligence, or AI. This means they can think and learn new things. When you talk to your phone and it talks back, that's AI! Some robots can play games, draw pictures, or even cook food.

In **hospitals**, robots help doctors take care of sick people. They can give medicine and watch over **patients**. In factories, robots build cars and other things we use every day. Some robots even go to space to **explore** other planets!

Scientists are always making robots smarter and more helpful. Maybe one day, you will have a robot friend at home. It could help you with homework, play games with you, or clean your room. Robots are changing our world in many wonderful ways. The **future** is full of exciting possibilities with robots and AI!

A. Vocabulary

1. robots _____	a. people getting medical treatment
2. machine _____	b. smart and able to think
3. computer _____	c. an electronic machine that processes information
4. artificial _____	d. the time that will come after now
5. hospitals _____	e. people who study and learn about nature
6. patients _____	f. machines that can move and work by themselves
7. explore _____	g. a device with moving parts that does work
8. future _____	h. made by humans, not natural
9. scientists _____	i. places where sick people get medical care

10. intelligent _____   j. to travel and discover new places

B. True or False

1. All robots look exactly like humans. ___

2. Robots can help clean houses. ___

3. AI means artificial intelligence. ___

4. Robots only work in factories. ___

5. Some robots can go to space. ___

6. Robots have computer brains. ___

7. Scientists build robots to make life easier. ___

8. Robots can dance and play games. ___

9. The future has exciting possibilities with robots. ___

C. Fill in the Blanks

Word Bank: robots, machine, computer, artificial, hospitals, explore, future

1. _____ are amazing machines that help people.

2. A robot is a _____ that can work by itself.

3. Robots have _____ brains called AI.

4. In _____, robots help doctors care for patients.

5. Some robots go to space to _____ other planets.

D. Comprehension Questions

1. What is a robot?

2. What does AI stand for?

3. Where do robots help doctors?

4. What can robots do in factories?

5. What might robots do in the future?

E. Discussion Questions

1. Would you like to have a robot friend? Why?

2. What jobs do you think robots do best?

3. How do robots help make our lives better?

Answer Key

Robots and Artificial Intelligence — Teacher Reference Only

A. Vocabulary: 1-f, 2-g, 3-c, 4-h, 5-i, 6-a, 7-j, 8-d, 9-e, 10-b

B. True/False: 1-F, 2-T, 3-T, 4-F, 5-T, 6-T, 7-T, 8-T, 9-T

C. Fill Blanks: 1-Robots, 2-machine, 3-computer, 4-hospitals, 5-explore

D. Comprehension:

1. A machine that can move and work by itself

2. Artificial Intelligence

3. In hospitals

4. Build cars and other things

5. Help with homework, play games, clean rooms