

## Title: Robots Are Everywhere!

### Word Study

Fill in the blanks using the words.

|           |         |         |        |       |
|-----------|---------|---------|--------|-------|
| factories | surgery | company | welded | robot |
|-----------|---------|---------|--------|-------|

1. Factories are places where things are made.
2. A robot is a machine that has to move to do its job.
3. If a person is hurt badly, that person might need to have surgery.
4. My mother works for a really big company that sells candy.
5. They welded two pieces of metal together.

## Reading Comprehension

### A. Circle T for true or F for false.

1. Robots can think. T / F
2. Leonardo da Vinci made a design for a robot in 1495. T / F
3. The first robots were really just toys. T / F
4. Hospitals do not want robots working for them. T / F
5. Some robots are made out of bombs. T / F

### B. Circle the correct word(s).

1. Robots do jobs that are too (dangerous / unimportant) for people to do.
2. The first robots used the same kind of parts found in old (computers / watches).
3. Integrated circuits act as a robot's (ideas / brain).
4. Robots in car factories look like giant (arms / elbows).
5. Robots can go to places that are too (boring / difficult) for us to go.

### C. Choose the best answer.

1. Where do robots usually get their energy from?

- a. The sun
- b. Factories
- c. Engines
- d. Electricity

2. What kind of parts did the first robots use?

- a. Arms and legs
- b. Hammers and hands
- c. Gears and springs
- d. Metal and wood

3. What are robots really good for?

- a. Talking to people
- b. Doing boring jobs
- c. Being kind
- d. Inventing things

4. How are robots used for earthquakes?

- a. To find people in fallen buildings
- b. To put out fires
- c. To prevent them from happening
- d. To help rebuild houses and roads

5. Which of the following is a place where robots have NOT gone?

- a. To Mars
- b. Inside a volcano
- c. Deep down in the ocean
- d. To the top of Mt. Everest

## Summary

Fill in the blanks with the words.

|            |           |           |            |        |
|------------|-----------|-----------|------------|--------|
| mechanical | dangerous | automated | revolution | energy |
|------------|-----------|-----------|------------|--------|

In some ways robots are like us. They need energy to move, work, and think. Robots do many different kinds of jobs for us. However, the first robots weren't very useful. Leonardo Di Vinci imagined a robot in 1495. But the first robot was not built until 1738. The first robots could not do anything helpful. They just moved. They were mechanical and used big gears and springs like a watch. The gears and springs automated the robots, which allowed them to move. But they were just big toys. However, in the 1950's a revolution happened. Robots got brains like a computer. They could now be used in factories. Now they are used to build things all the time. They never get bored and can do dangerous work for us. They can even explore the ocean and space. Robots make our lives better.