

Alpha Level 5

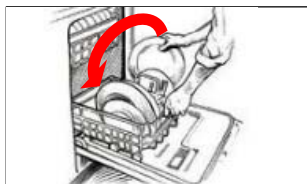
# Robots



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## Word Study

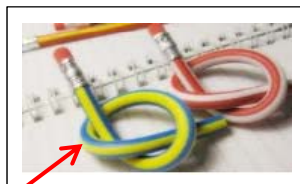
**A** Write the word for each picture.



load



detergent



flexible



operation



assemble



bleeding



sulk



scar



patient

### Word Box

assemble  
bleeding  
detergent  
flexible  
load  
operation  
patient  
scar  
sulk

**B** Complete the sentence using words in the box.

### Word Box

carry out    instruction    medical    suffer    task

1. A dishwasher is programmed to carry out all the steps needed to wash dishes.  
*do work to finish, perform*
2. Robots in workplaces do many different tasks and make all kinds of things.  
*work which you have to do as part of a large project*
3. Robots are used in medical operations. Doctors control robots during operations.  
*relating to sickness and treatment for it*
4. The patient gets well more quickly and suffers less pain.  
*feel sickness in your body and have a hard time*
5. Robots can follow instructions and work by themselves,  
*a list or things telling you what to do*

## Word Study

### C Complete the sentences using words in the box.

#### Word Box

a (X2)    by    make    in    together    too

- 1) Robots are usually covered in plastic or metal, and they come in all shapes and size.
- 2) Robots save people time and energy because they can work by themselves.
- 3) Robots are used in factories to **put** things together.
- 4) People still need to work in factories to make **sure** nothing goes wrong.
- 5) Robots can work 24 hours a day, seven days a week.
- 6) When scientists need to explore too dangerous places, they send robots instead.

### D Write your own sentences using the pattern.

Interrogative pronouns 'what, where, how, when + to +verb' shows...  
'what, where, how, when + subject + should + verb'.

Doctors use a remote control computer to tell the robot what to do.

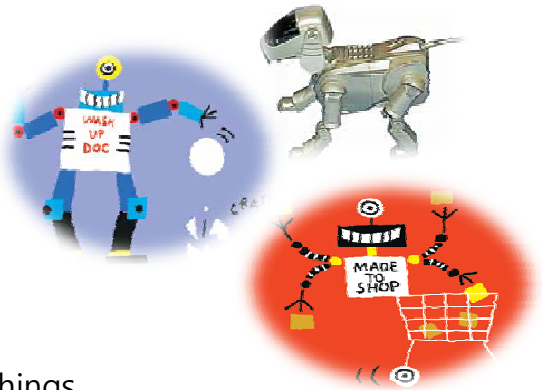
(=what the robot should do)

- 1) Wow! Look at all the food! I don't know what I should eat!  
⇒ Wow! Look at all the food! I don't know what to eat!
- 2) What time is the party? I am not sure when I should go.  
⇒ What time is the party? I am not sure when to go.
- 3) There are 10 beds. Choose where you should sleep.  
⇒ There are 10 beds. Choose where to sleep.
- 4) My brother is 6 years old. He learns how he should read.  
⇒ My brother is 6 years old. He learns how to read.

# Comprehension

## A Answer the following questions.

- 1) What is the book about?
  - ☒ a) Robots are useful.
  - b) Robots do only dangerous work for us.
  - c) Some robots look like us.
- 2) What is a robot? (pg. 5)
  - a) A robot is a machine.
  - b) A robot has arms and legs and do many things.
  - ☒ c) A robot is programmed to work by itself.
- 3) Choose all robots used around the house. (pp. 6-11)
  - ☒ a) Clothes washer
  - b) Robot explorer
  - ☒ c) CD player
  - ☒ d) Alarm clock
- 4) How are robots used in hospitals? (pp. 16-17)
  - a) They take care of patients after operations.
  - ☒ b) They reach narrow or small parts of our body and help operations.
  - c) They make good friends with patients and help them recover faster.



## B Match and complete the sentences.

- |                                     |                                     |  |
|-------------------------------------|-------------------------------------|--|
| 1) A dishwasher knows what to do... | <input checked="" type="checkbox"/> | and it sits, rolls or wags its tail like a real dog. |
| 2) Robots are sent into space...    | <input checked="" type="checkbox"/> | move around tables, chairs and clean the house.      |
| 3) A robot dog is made for fun...   | <input checked="" type="checkbox"/> | because it's programmed to carry out all the steps.  |
| 4) Roomba is smart enough to        | <input checked="" type="checkbox"/> | but they can't think of themselves.                  |
| 5) Robots can work by themselves... | <input checked="" type="checkbox"/> | to gather information and send it back to Earth.     |

# Comprehension

## C Sort, write and complete.

### Useful Robots

#### How Robots work...

Robots are programmed what to do and follow instructions.

They can work by themselves but can't think.

#### What Robots look like

Some look like people but some don't. They come in all shapes and sizes.

#### Around the House

Robots do boring or hard work such as washing the dishes or pool cleaning.

Robots in your house can be a vacuum cleaner, a CD player and so on.

We can save time and energy thanks to these robots.

#### In the workplace

Robots are used to assemble parts and make cars or trucks.

Scientists send robots into dangerous places like space or volcanoes.

Doctors need robots help during operations.

assemble boring CD player operation  
shape size space themselves time vacuum cleaner what

## D Write and speak.

*Think about robots around you and answer.*

1) What robots are there around your home?

There is \_\_\_\_\_.

*a vacuum cleaner / a CD player / a washing machine / an alarm clock...*

2) Who uses each most of time?

My mom or dad uses \_\_\_\_\_.

I use \_\_\_\_\_.

3) What special robot do you want to make or have? Why do you want it?

I want a robot which can \_\_\_\_\_.

*do homework or study instead / cook delicious food / play with me...*

I want it because I can \_\_\_\_\_.

*play more / be free / eat food all around the world / not be lonely / have a best friend...*

