

How do robots work?



تم تحميل هذا الملف من موقع المناهج الإماراتية

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المزيد من مادة
لغة انجليزية:

إعداد: شيماء أحمد

التواصل الاجتماعي بحسب الصف السابع



صفحة المناهج
الإماراتية على
فيسبوك

الرياضيات

اللغة الانجليزية

اللغة العربية

التربية الاسلامية

المواد على تلغرام

المزيد من الملفات بحسب الصف السابع والمادة لغة انجليزية في الفصل الأول

How do robots work?

1

How do robots work?

2

How can food improve your health

3

How can food improve your health

4

How can food improve your health?

5



2A

اضغط للمزيد على قناة مس شيماء أحمد في التلغرام

How do robots work?

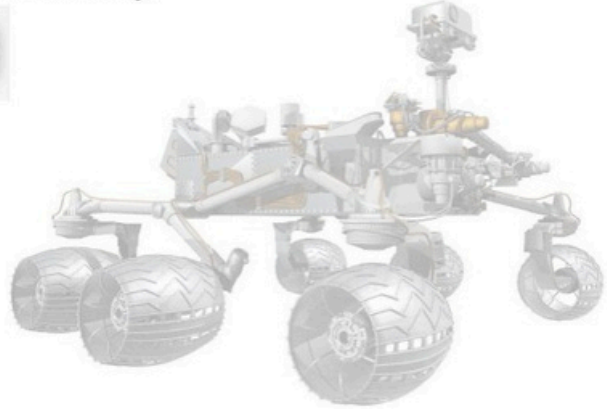
ENGLISH

- What is a robot? How do robots move?
- What can robots do?

1 With your partner, name the parts of the human body that do the following:

brain • eyes and ears • heart • hands • skeleton

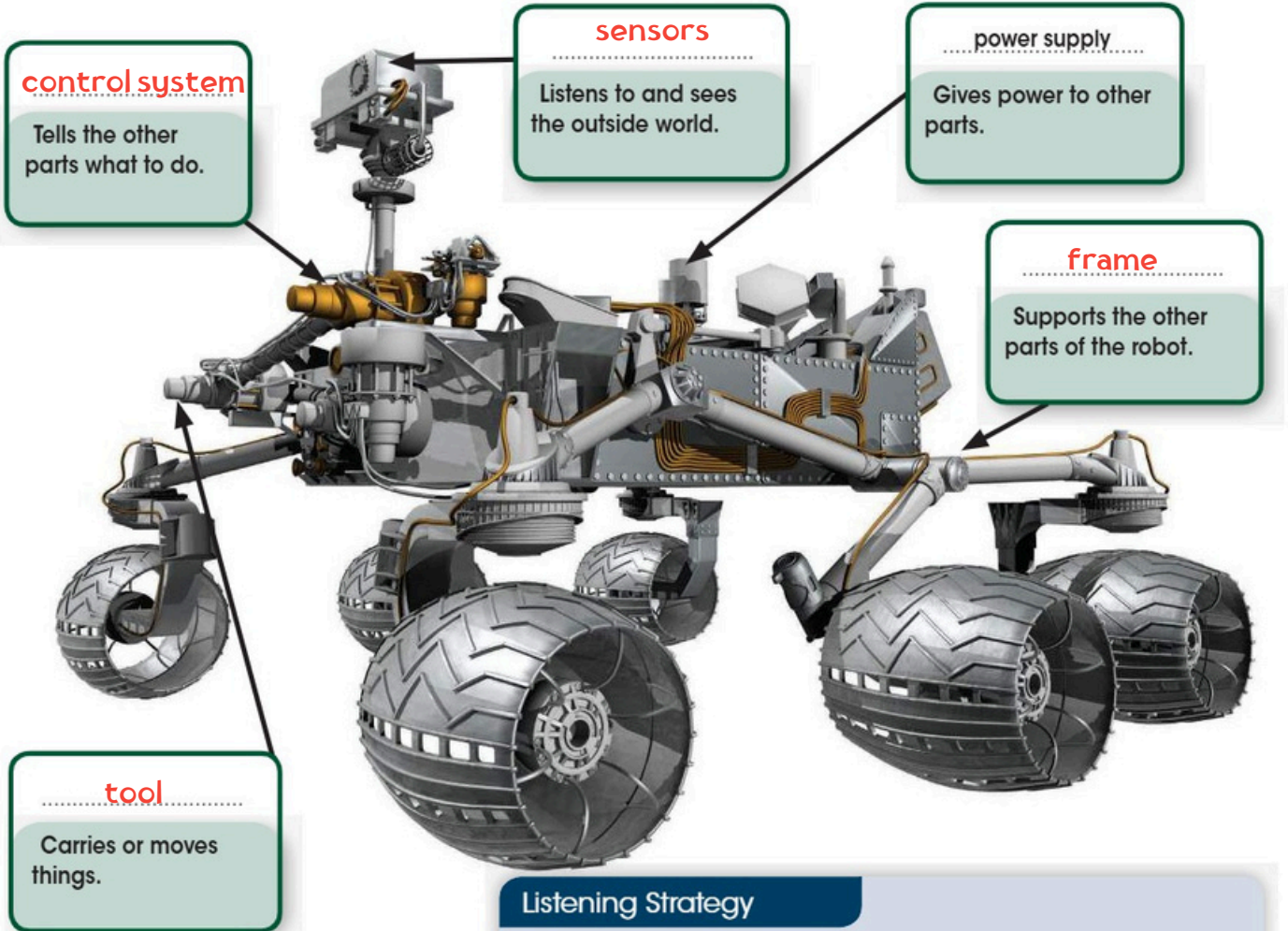
- 1 Carries and moves things. **hands**
- 2 Holds up the body. **skeleton**
- 3 Tells your body what to do. **brain**
- 4 Sees and hears. **eyes and ears**
- 5 Sends blood through the body. **heart**



LISTENING

2 Listen to a new documentary about robots.
Label the robot parts in the picture and match them to the definition.

frame • sensors • tool • control system • power supply



Listening Strategy

When doing listening activities, listen for key words. This will help you find the information you need. For example, if you wanted to learn more about a robot frame, you would listen for the word "frame".

- 3  You are an engineer working at a robot factory. Listen to the messages and write down which part of the robot is broken.

Message 1: **Tool**

The tool is important because the robot uses it to pick up and move things.

Message 2: **Frame**

The frame is important because it supports the other parts of the robot.

Message 3: **Power supply**

The power supply is important because it gives power to the other parts.

Message 4: **Sensors**

The sensors are important because they let the robot see and hear the world around it.

- 4 Get into pairs. Take turns saying what part is broken. Tell your partner why this part is important for the robot.

Speaking Tip

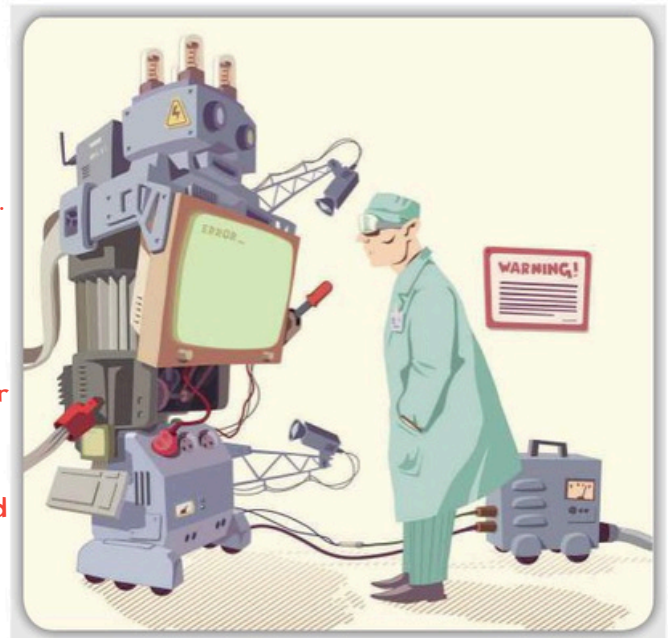
Remember that when you want the listener to focus on an important word, say it more slowly and louder than the words around it. This is called "stress".

SPEAKING

- 5  You will design a robot that does a specific job. Your teacher will give you a job. In your group, you will plan what your robot needs to do and what parts it will need. Use these questions to help you plan.

- What is the robot's name?
- What does the robot do?
- What parts does it need?
- What sensors does it need?
Camera? Microphone? Radar?
- What kind of frame does it need?
Strong? Small? Large?
- What tool does it need?
Hands? Knife? Hose?
- How will it move?
Wheels? Wings? Legs?

- 6 Give a group presentation to the class about your robot.



The robot needs to know how to do...
Our robot needs sensors that can...
Our robot needs tools which can...
Our robot needs a frame which holds up...

