

How do you get energy from movement?



تم تحميل هذا الملف من موقع المناهج الإماراتية

موقع المناهج ← المناهج الإماراتية ← الصف السابع ← لغة انجليزية ← الفصل الأول ← ملفات متنوعة ← الملف

تاريخ إضافة الملف على موقع المناهج: 19:42:54 2026-09-19

ملفات اكتب للمعلم اكتب للطالب | اختبارات الكترونية | اختبارات | حلول | عروض بوربوينت | أوراق عمل
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المزيد من مادة
لغة انجليزية:

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

What jobs do robots do? - Workbook Unit 2

1

What jobs do robots do?

2

How do robots work?

3

How do robots work?

4

How can food improve your health

5



2C

اضغط للمزيد على قناة مس شيماء أحمد في التلغرام

How do you get energy from movement?

ENGLISH

- What is energy?
- Where does energy come from?

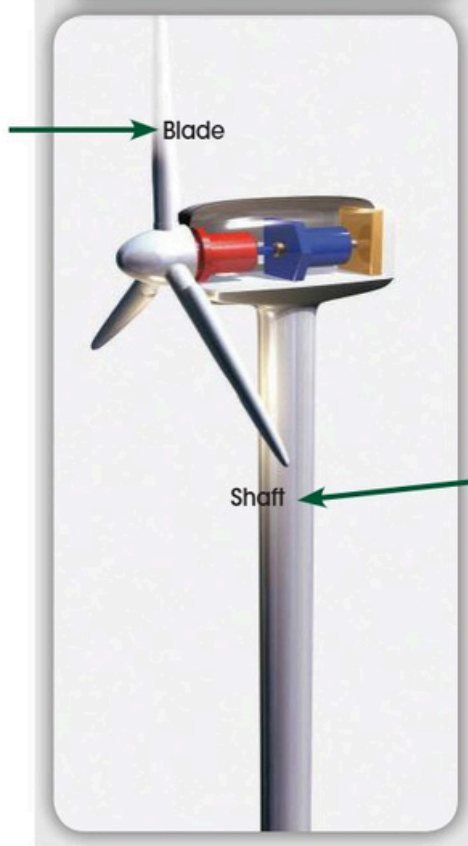
SPEAKING

- 1 Look at the pictures. Can you name them?
Label the pictures with the words in the box.

blade • turbine • generator • shaft

Turbine

1



Generator

2



Kinetic Energy

Kinetic energy is movement. We use movement from water and wind to get kinetic energy. This makes electricity.

How?

Wind Turbines

A wind turbine gets energy from the wind and makes electricity.

Wind turbines are tall and they have blades which are 20 meters long. Wind turns the blades which spin a shaft. The shaft turns a generator which makes electricity. A wind farm is a group of wind turbines. Wind farms make a lot of electricity.

Hydropower

We can also use water to get energy. This is called hydropower. Hydro means water. We get hydropower when water from a dam turns a turbine. A dam is a big wall that stops water. There are doors in the dam so the water can get out. The water comes out of the dam and the energy from the water spins turbines. The turbines spin generators which make electricity.

- 2 How can you make electricity with these machines?

READING

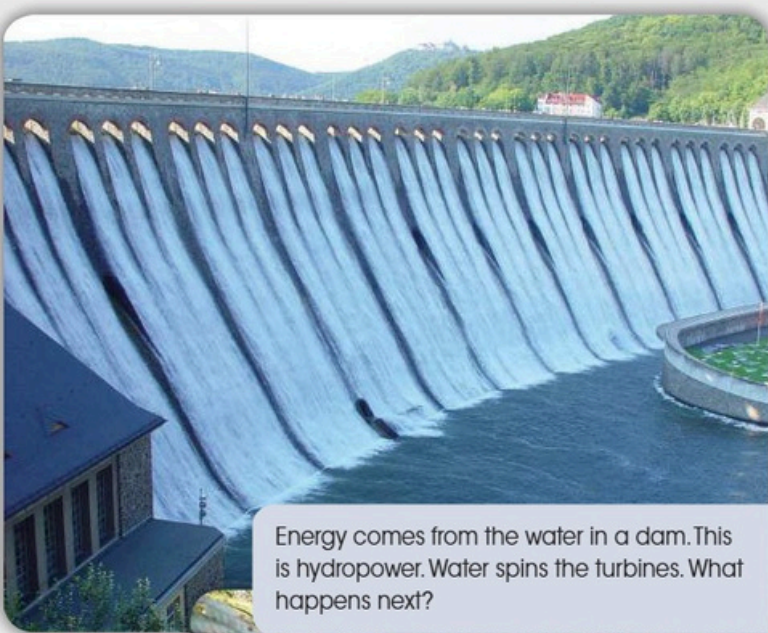
- 3 Read the text about wind turbines and hydropower.
Put the sentences in the correct order.

Wind Turbines

- 4... The shaft turns a generator.
3... The generator makes electricity.
1... Wind moves the blades.
2... The blades turn a shaft.

Hydropower

- 4... Generators make electricity.
1... Doors open in the dam.
2... Water falls on turbines.
3... Turbines spin generators.



Energy comes from the water in a dam. This is hydropower. Water spins the turbines. What happens next?



LANGUAGE FOCUS

4 Complete the sentences.

We use relative pronouns to start relative clauses.

- ¹ We use who for people and
² which or ³ for things.

5 Use information from the text to complete the sentences.

- 1 Kinetic energy is energy that comes from movement.
- 2 A wind turbine is a machine that gets energy from wind.
- 3 A dam is a big wall that stops water.
- 4 A generator is a machine that makes electricity.
- 5 A wind farm is a group of wind turbines that make a lot of electricity.

Use of English

We use *who* to give important information about a **person** and *that* or *which* to give important information about a **thing**.

Do you know the **person** *who* called?

I like the **game** *that* we play in class.

Relative clauses give us more information about a noun.

There are different types of relative clauses.

Defining relative clauses give important information about what we are talking about.

The **man** *who* makes wind turbines is an engineer.

A dam is a big **wall** *that* stops water.

