For Advanced Kids Learners

Book 2

Time to Talk

Lesson 22 Renewable Energy

- **Think and guess**

Look at the picture.

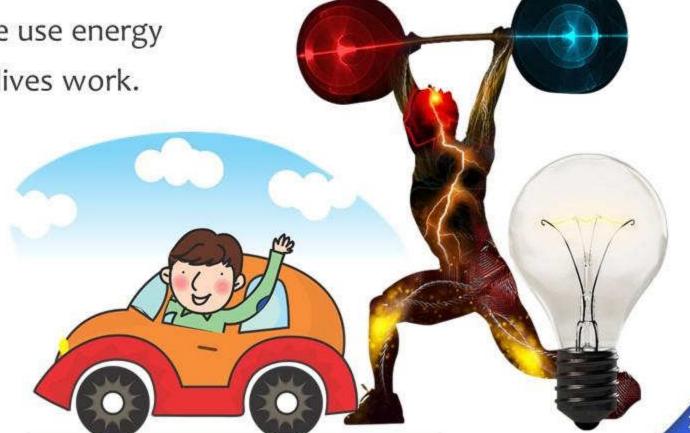**Where can we get the energy to light up a bulb?**

- **Read and learn**

Renewable Energy

We use energy when we turn on a light, cook our dinner or travel by car. We use energy every day. Energy makes our lives work.

energy
a source of power that is used to drive machines, heat things or etc.

- **Read and learn**

Around 90% of our energy comes from fossil fuels. Oil and natural gas are fossil fuels which are made underground from the remains of plants or animals millions of years ago. They will run out some day so they are called non-renewable energy. The big problem with fossil fuels is that burning them produces air pollution and warms up the earth.

fossil fuel
fuel such as gas and oil that was formed over millions of years from remains of animals or plants

remains
a dead body of a person or animal

natural gas
gas found underground that is used as a fuel

run out
to use something up so that nothing is left.

• Read and learn

We should use more clean energy. Energy from the water, the wind and the sun are clean. They can be used again and again and they will never run out. Such energy is called renewable energy.

renewable energy
energy from wind, water and sunlight etc. that is always available and never runs out.

Using renewable energy is not new. Water has been used for over 2,000 years. The reason why we cannot use more renewable energy is that it is more expensive to produce. The good news is that by 2050, renewable energy might meet 95% of our needs.

- **Read and complete the sentences.**

> **natural gas   fossil fuels   energy**

Cars get the _____ from _____, such as _____.
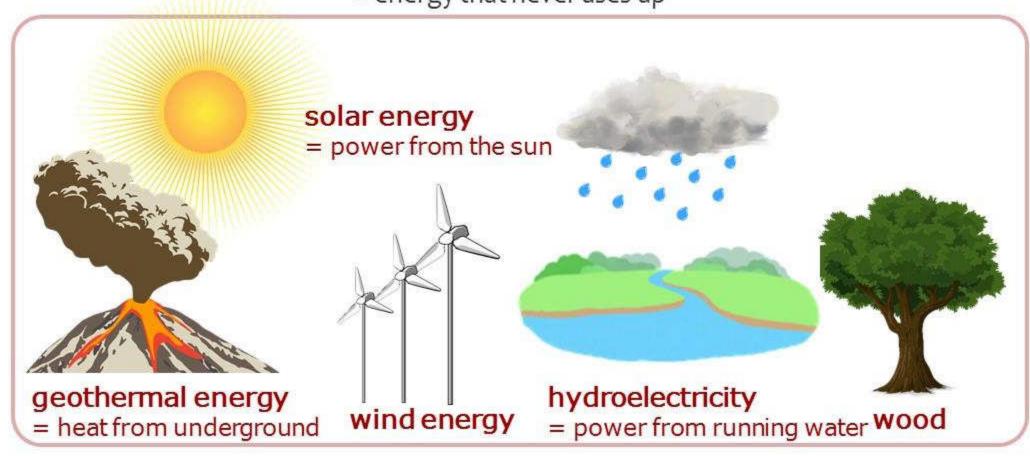
> **run out   renewable energy   remains**

Fossil fuels was formed over millions of years from _____ of animals or plants. They will _____ someday, so we need to find _____.

- **Learn more**

Renewable energy
= energy that never uses up

solar energy
= power from the sun

geothermal energy
= heat from underground

wind energy

hydroelectricity
= power from running water

wood

- **Answer the questions.**

1 What are the uses of energy?

2 What are fossil fuels made from?

3 Where can we get renewable energy?