

Write one important fact from each paragraph in this space.

Science Shorts -6

Future Energy Sources

You need energy to make things work. You learned that fossil fuels are often used to make that energy. But fossil fuels are nonrenewable natural resources. It time, they will be gone. Then, we will need new ways to make energy.

One natural resource that will last for millions and millions of years is the sun. Energy from the sun, called solar energy, can be turned into energy for our homes. It can be used to warm the air in our homes. It can also be used to warm the water for bathing and dish washing. Solar panels on the roofs of houses collect solar energy by heating water in pipes in the solar panels. That water is then used for heating the house, bathing and dish washing.



Wind is another natural resource that will always be available. Windmills have arms that turn in the wind. When the arms turn, the windmill changes wind energy into electrical energy. Windmills are built in special places that have lots of wind. When many windmills are built in the same place, we call that place a wind farm.



Another natural resource that will last a long time is magma, hot melted rock found inside the Earth. In some places, magma comes very close to the Earth's surface. We take heat energy from the Earth's magma, and change it into energy for our homes. This kind of energy is called geothermal energy.



So in the future, your home may use a new kind of energy to make electricity. Perhaps it will be solar energy, wind energy or geothermal energy.

A.

Write the missing word or words in each sentence.

1. Fossil fuels are natural resources that will

_____ .

(run out, last forever, become magma)

2. A natural resource that will last for millions of years is

_____ .

(oil, the sun, coal)

3. Windmills can turn wind energy into _____
energy.

(electrical, fossil fuel, solar)

4. Many windmills in one place is called a

_____ .

(solar farm, wind farm, magma farm)

5. Geothermal energy comes from Earth's

_____ .

(wind, fossil fuels, magma)

B.

Draw a line to complete each sentence.

1. Solar energy _____ comes from deep inside Earth.
2. Windmills _____ comes from the sun.
3. Geothermal energy _____ change energy from the wind.

C.

Write one or more sentences to answer the question.

How might weather affect a house that uses solar energy?
