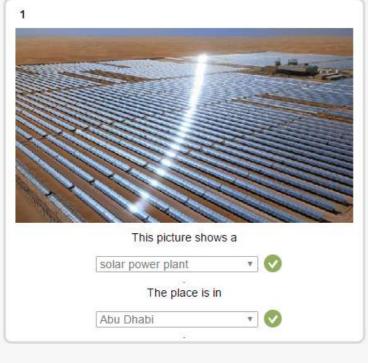
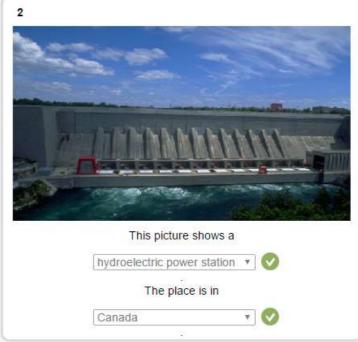
Guess which answers match the pictures.





Read the article. Put the ideas in the order they are mentioned.

Why our planet is getting warmer.

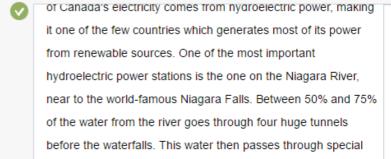
How greenhouse gases are created.

Countries that have a lot of sunshine and desert land.

A large solar power plant.

A country that gets most of its power from renewable energy.

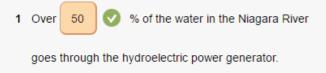
How water creates power.



The Middle East has nearly half the world's solar energy potential and many countries other than Canada have significant amounts of water that can be used to generate electricity. The important question – will all these natural resources start to be used in place of burning the fossil fuels which are killing our Go to planet? If our environment is to survive, then immediate action

turbines which provide energy to nearby areas of Canada and the United States. Once the water has passed through the

turbines, it is then returned to the river after the waterfalls.



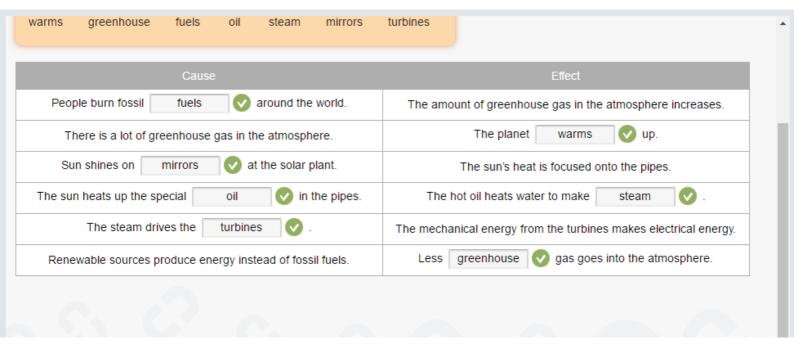
- 2 Over 175,000 tons of carbon dioxide is saved every year by the Shams 1 solar power plant.
- 3 The Shams 1 power plant is bigger than 285football pitches.
- 4 Canada produces almost 60 % of its energy

generally agreed that this is caused by the high levels of greenhouse gases, such as carbon dioxide (CO₂), in the atmosphere. These gases are created when we burn fossil fuels for energy. However, there are renewable sources of energy which can be used as a greener alternative to fossil fuels. This essay will look at two of the major alternative sources of energy: solar and hydroelectric. It will conclude that more of our power needs should come from these energy sources if we are to reduce the speed of global warming.

A lot of countries in the Gulf do not only have plenty of oil but also plenty of sun. This sunshine, together with a lot of unused desert land, means that they are the ideal locations to build

Activate V Go to Setting





Choose the correct words to complete the sentences. 1 If the sea rises by even a small amount, many low-lying islands will be submerged ▼ ✓. 2 A glacier ▼ ✓ is a large mass of ice which moves very slowly. 3 About a quarter of the land on earth is used for agriculture ▼ ✓. 4 One cause of deforestation is subsistence ▼ ✓ farming. 5 Biodiversity is also affected ▼ ✓ by deforestation.

5	Biodiversity is also affected v by deforestation.
6	The effects of deforestation are damaging the natural habitat of
	many animals.
	,

Match the causes to the effects.

Cause	Effect
greenhouse gases	global warming
melting glaciers	rising sea levels
droughts	aridity
deforestation	loss of habitat
fossil fuels	carbon dioxide
logging	deforestation

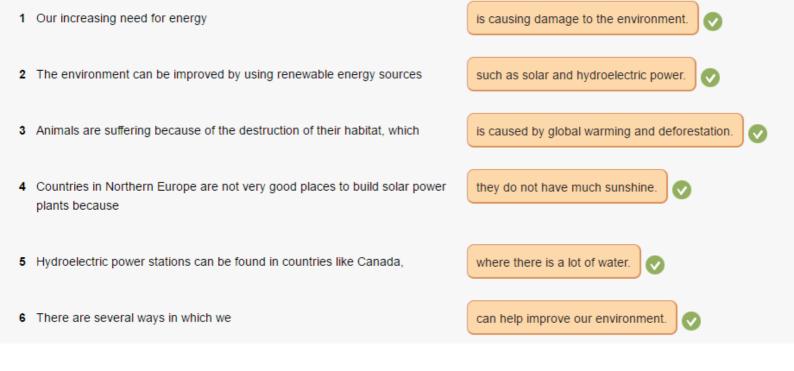
Choose true or false for each statement.

		True	False
Melting glaciers are caused by higher temperatures.	⊘	V	
Higher temperatures lead to increased greenhouse gases.	•		~
Burning fossil fuels is the result of more greenhouse gases.	⊘		~
Deforestation is caused by commercial agriculture and subsistence farming.	▽	V	
Deforestation results in soil erosion.	⊘	V	
Using renewable energy sources is the result of improvement of the environment.	▽		~

Choose the correct words to complete the sentences.

- 1 The amount of greenhouse gas is increasing because of ▼ the amount of fossil fuels we are burning.
- 2 We need to find alternative sources of energy because burning fossil fuels is damaging the environment.
- 3 Abu Dhabi is a good place to build a solar power plant because very there is plenty of sun and unused space in the desert.





Put the sentences in order to make a paragraph about wind power.

As well as solar and hydroelectric power, wind power is now being used to generate electricity.

In America, China and many countries in Europe, wind farms are being built.



Each of these wind farms is made up of anything between three and several hundred wind turbines.

There are advantages and disadvantages to onshore wind farms.

Onshore wind farms are closer to where the energy is needed, but because of the way wind travels over land they are not very productive.

Along with the sun and water, the wind is now being used as a clean way to generate energy and in the future we will see more wind turbines in our landscape.

