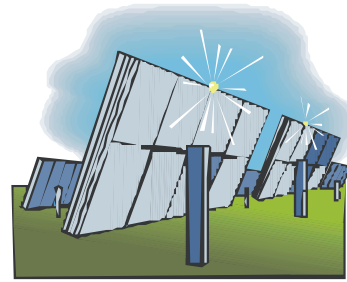


The World of Energy—Exercises



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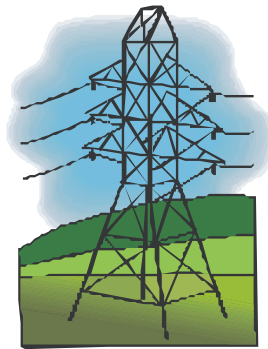
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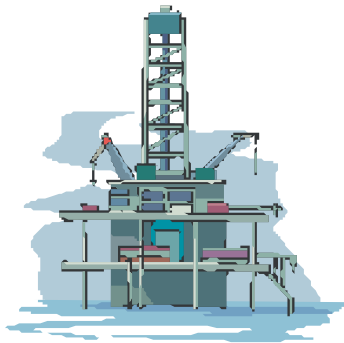
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3 FIND 10 WORDS FROM THE SYLLABLES ABOVE AND WRITE THEM DOWN!

landfill
pollution
carbon
electricity
generator

biomass
ethanol
renewable
environment
geothermal

The World of Energy—Exercises

4 TRUE OR FALSE?

	T	F
Coal, petroleum and oil are among the most important fossil fuels.	X	
Most of the world' energy comes from coal.		X
All factories have installed filters , so burning coal is not dangerous.		X
Most petroleum lies in layers deep below the earth's surface.	X	
Refineries are always in places where oil is found.		X
Getting oil out of oil shale is a very cheap method.		X
The USA is the biggest oil producing country.		X
Natural gas is cleaner than oil because it doesn't have that many pollutants.	X	
Alpine and Scandinavian countries produce a lot of energy through water power.	X	
There are over 400 nuclear power plants in the world.	X	
Nuclear power plants produce radioactive waste that must be stored in the ocean		X
Many people still suffer from diseases they got after the accident at Chernobyl.	X	
The problem with solar energy is how to make big collectors.		X
Geothermal energy can be produced all over the world.		X
Tidal energy comes from the movement of ocean waves.	X	
In nuclear fusion hydrogen atoms are split to create energy.		X
In Brazil, about 20 % of all cars are driven by energy that comes form sugar cane.	X	
Industrial countries consume 80% of the world's energy.	X	
The United States produces very little of the world's energy but uses up a lot,	X	
Recycling reduces the waste in landfills.	X	
We can make a lot of aluminium by recycling iron and steel.		X

The World of Energy—Exercises

5 MATCH THE WORDS WITH THE DEFINITIONS

A	decay	K	to use over and over again
B	mine	R	a plant like rice or wheat that is grown by farmers and used
C	pollute	G	something that is put on a field to make crops grow
D	fossil fuels	B	a place where raw materials are dug out of the earth
E	deposit	J	when you split atoms to produce a lot of energy
F	environment	P	everything that comes from the rising and falling of ocean
G	fertilizer	L	to put away for a longer time
H	smog	C	to make dirty
I	generator	E	a layer of a mineral or metal in rocks
J	nuclear fission	S	materials that are left over and that you don't need any
K	renewable	Q	something that has a hole in it so that water or other things
L	store	D	forms of energy that have been produced by dead plants or
M	turbine	T	a gas that forms water when mixed with oxygen
N	high tide	O	heat that comes from the inside of the earth
O	geothermal	H	smoke and fog that mix together to produce dirty air
P	tidal	I	a machine that produces electricity
Q	leaky	A	to be slowly destroyed by nature
R	crop	N	the time when the sea reaches its highest point
S	waste	F	the air, water, land around us
T	hydrogen	M	a motor in which gas or water moves a wheel around

The World of Energy—Exercises

8 FILL IN THE CORRECT WORDS FROM THE LIST BELOW !

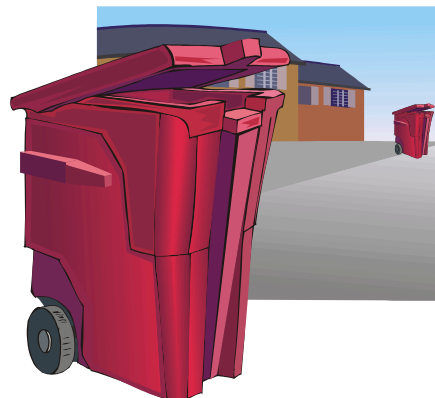
There are many ways to conserve and save energy inside the house and in your environment. Make sure that you don't heat your house too much in the winter and cool it down too much during the summer. 21° is an ideal temperature . If you plan on building a new house think about using renewable energy forms for heating.

Turn off electrical objects if you don't need them and use fluorescent lamps to help you save energy. We can also save a lot of water in the household by taking a shower instead of a bath and fixing leaky toilets.

In the kitchen we can save energy by warming up food in the microwave. Dishwashers, washing machines and clothes dryers should be full before you start them.

Leave your car at home if you can get to places by other means of transportation. If you have to take your car see if you can organize car pools to save fuel. Smaller cars need less energy than large ones.

Recycle as much material as possible. Put old newspapers, batteries, aluminium cans and glass in separate containers so that waste disposal trucks can take them away.



batteries	electrical	microwave
car pools	environment	recycle
clothes dryers	fluorescent	renewable
conserve	fuel	shower
containers	heat	transportation
disposal	leaky	

The World of Energy—Exercises

9 CROSSWORD

