



Kindergarten Energy Activities



Here are three good reasons to save energy!

First, saving **energy** means saving **money**. We **pay** to **heat** and cool our homes and schools. The **more** energy we waste, the more money we **waste**. So, wasting energy is just like burning a stack of money.

first	heat
energy	more
money	waste
рау	

Μ	0	N	Ε	Y	С
0	М	Y	F	Ρ	Ρ
R	Т	D	Ι	L	А
Е	Ν	Ε	R	G	Y
Х	W	А	S	Т	E
н	Ε	А	Т	Q	Z

The **second** reason we should all save energy is to **protect** the **Earth** and keep our **air** and **water** clean. The less energy we use, the better off our land, air and water will be.

So, by **saving** energy, you'll be helping to make our homes and schools healthier.

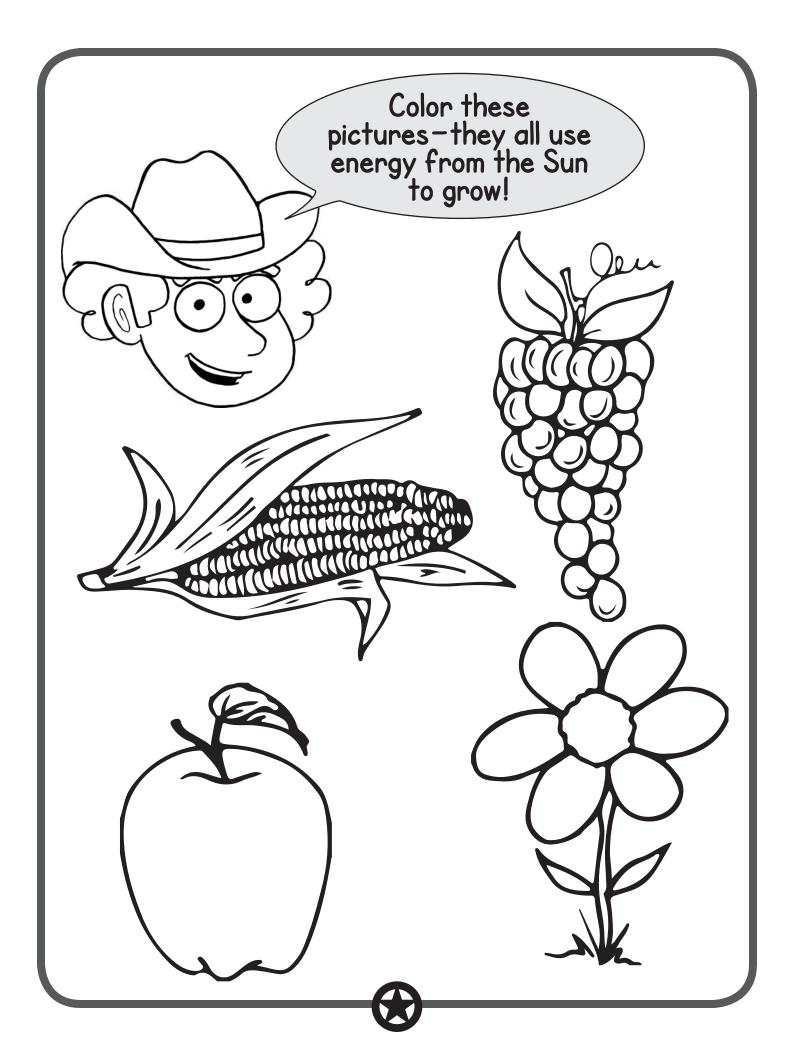
second	water
protect	clean
earth	saving
air	

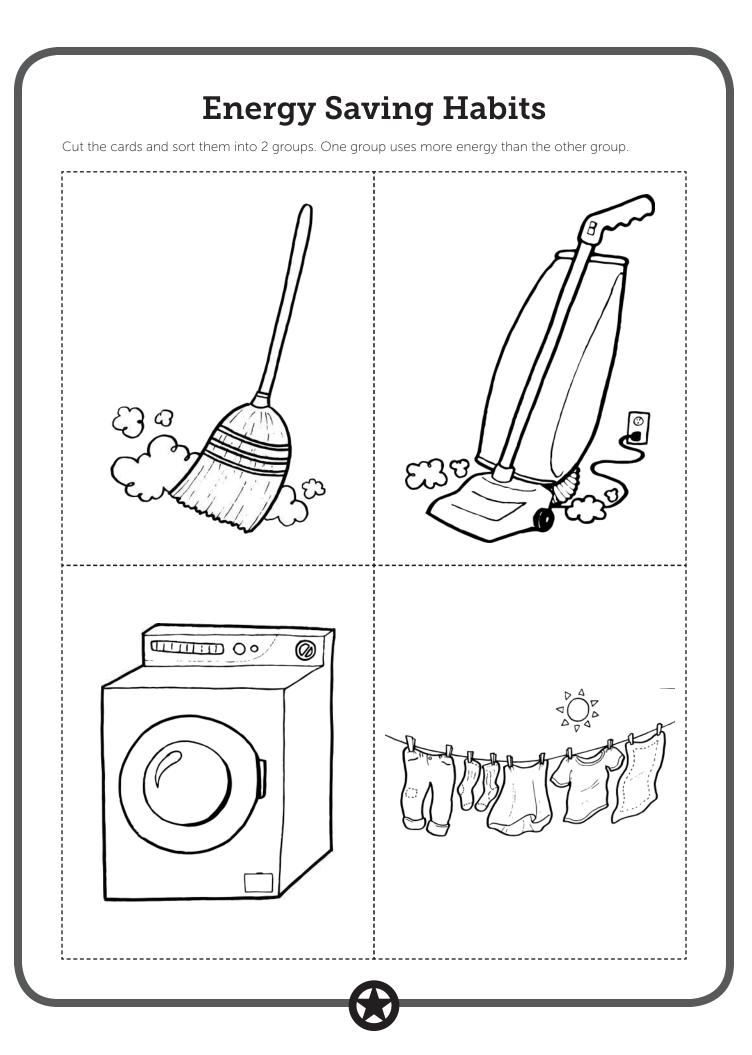
Third, our energy, like **oil**, won't last forever. When it is used up it, cannot be made again. So all of us must be **careful** to make sure that our **fuel supply** lasts **longer**. Not wasting energy is a good way to protect our Earth.

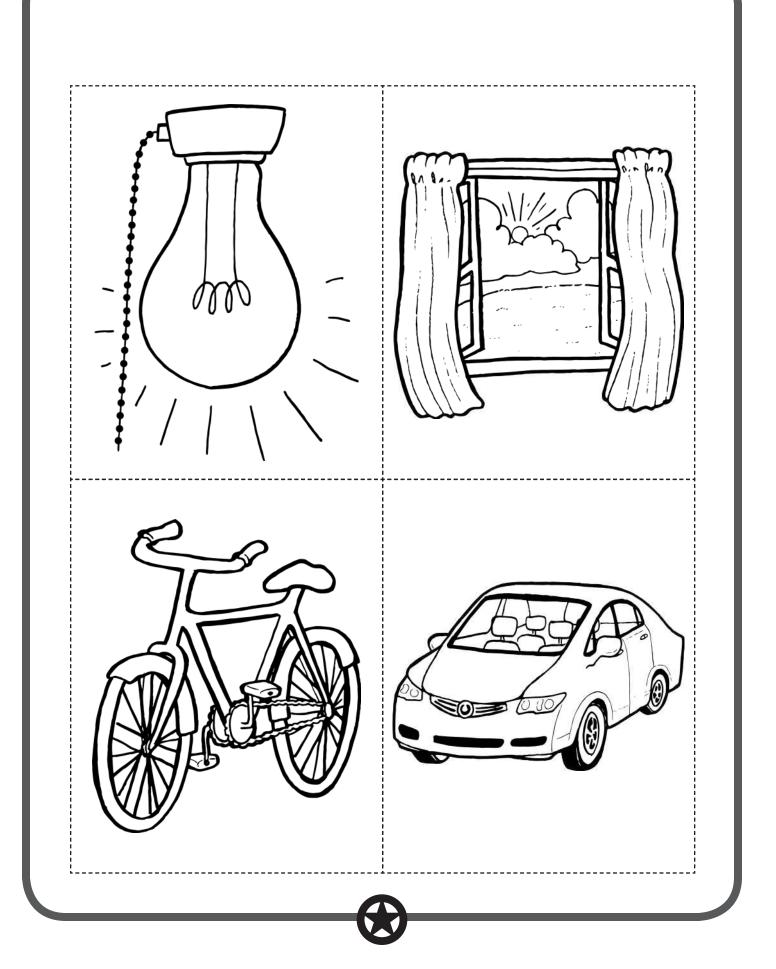
third	fuel
oil	supply
careful	longer

Р	R	0	Т	Ε	С	Т
Е	А	R	Т	Н	L	D
Х	Т	W	А	Т	Е	R
Р	А	Ι	R	D	А	L
В	S	А	V	Ι	Ν	G
S	Ε	С	0	N	D	V

L	0	Ν	G	E	R	F
Т	Х	0	Ι	L	J	U
К	0	F	В	D	А	Ε
С	А	R	E	F	U	L
М	S	U	Ρ	Ρ	L	Y
Т	Н	Ι	R	D	Z	V





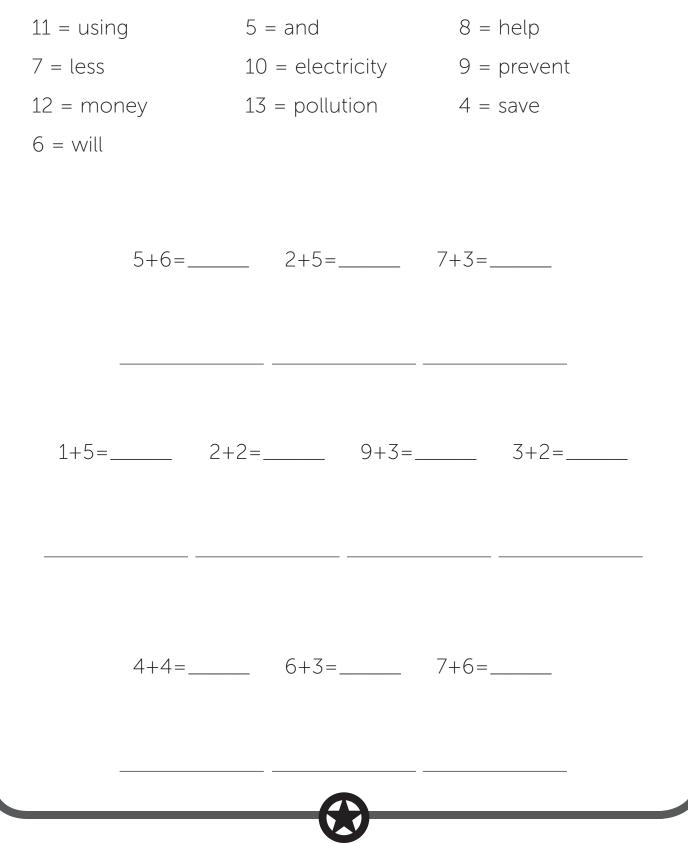


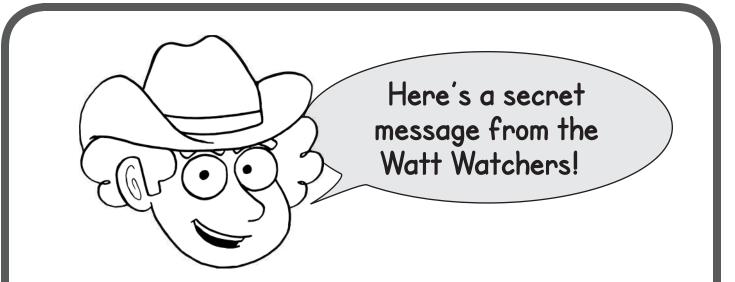


First Grade Energy Activities

An Energy Fact For You

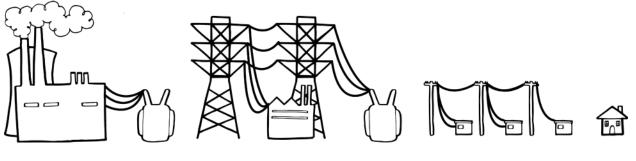
Solve the problems and find out an energy fact. Write the word for each answer on the line under each problem.





Read this secret message from the Watt Watchers by filling in the missing vowels A, E, I, O, or U in the words below:

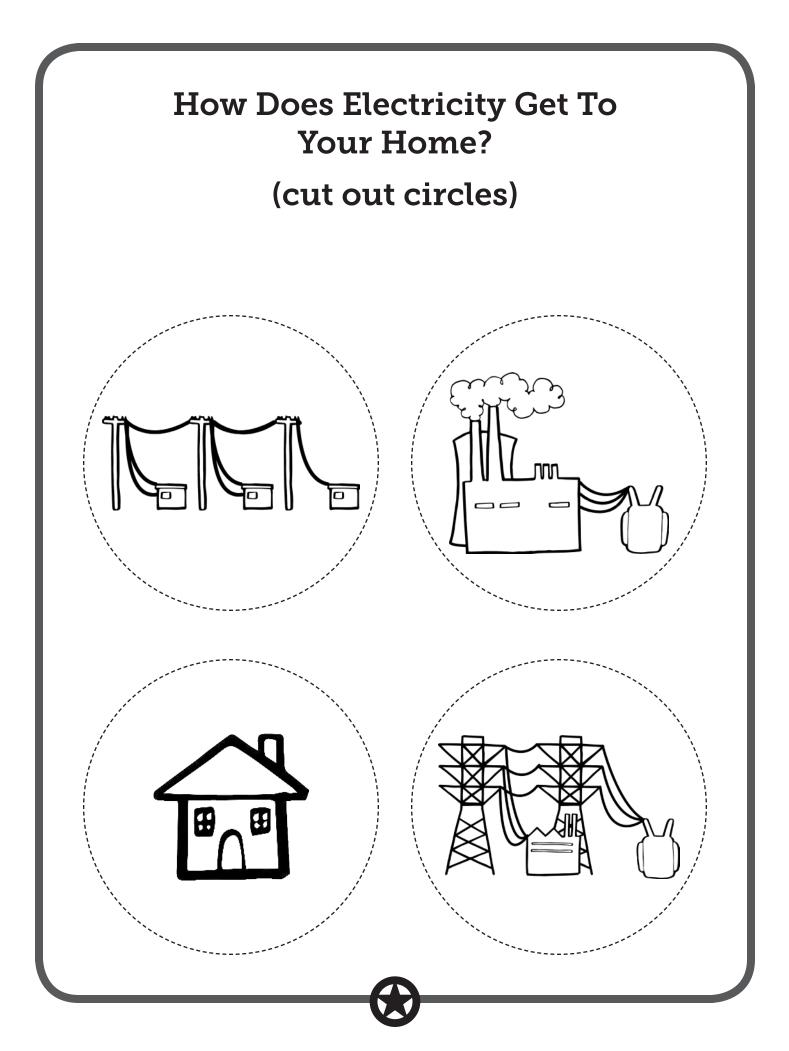
EL_CTR_C_TY _S PROD_C_D IN P_W_R PL_NTS _ND S_NT T_ _UR H_MES THR__GH W_RES. _L_CTR_C_TY L_GHTS _P O_R H_MES!



Generation

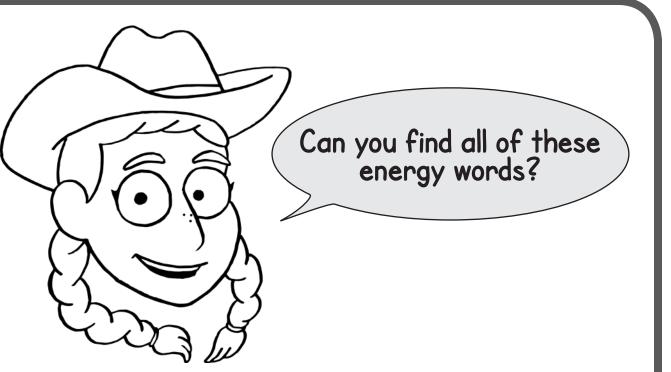
Transmission

Distribution Home





Second Grade Energy Activities



conserve	I	Ι	F	U	Е	L	С	E	L	L	N
electricity	Y	Т	I	С	I	R	Т	С	Е	L	Е
energy			-		-		-				
environment	Η	Y	D	R	0	Р	0	W	E	R	U
fuelcell	Ε	Μ	Ν	А	F	0	Y	Y	V	Α	0
hydropower	R	Р	V	К	Q	G	S	К	R	J	X
pollute	E	Ν	V	Ι	R	0	Ν	Μ	Ε	Ν	Т
solar	Т	Н	Y	Е	L	0	N	J	S	J	Q
waste	Α	Z	Ν	А	0	Р	W	Ι	Ν	D	S
water	W	Е	R	Е	Т	U	L	L	0	Р	М
wind									-		
work	W	A	S	Т	E	Y	Μ	Η	С	Z	Y

What is Energy?

Unscramble the words below. On a separate sheet of paper, write a complete sentence using each word. You may use more than one vocabulary word in your sentence.



Directions: Draw one line under the simple subject and two lines under the verb in each of the following sentences. *Example: <u>Energy</u> is the ability to do work.*

1. Electric power serves every modern home.

2. Many appliances work on their own because of electricity.

3. The supply of electricity seems endless to us.

4. Our lives would be very difficult without electricity.

5. All of us expect uninterrupted electric service.

6. Electric energy is made by people and machines.

7. The power plant changes fuel into electric energy.

8. The people in charge of a plant watch the equipment carefully.

9. A power station produces a vast amount of electric current.

10. The generator is the heart of electric service.

11. Most generators are driven by a great steam turbine.

12. Energy is conducted from the generator to a distribution system.

13. Power lines carry the electric current to our home.

14. The wires in our homes distribute it for our many uses.

15. Some new homes are equipped with their own power source.

16. Some new homes use solar energy for power.

17. Special roof panels convert the sun's energy into electric power.

18. These roof panels are made of photovoltaic cells.

19. Batteries can store electricity for night use.

20. Wind turbines can drive electric generators.



An Energy Fact Tip You

How can you help the Watt Watchers save energy? Solve the problems and find out. Write the word for each answer on the line under each problem.

33 = turned	25 = off	25 = off 87 = be				
31 = is	79 = televisio	79 = television 88 = the				
59 = sure	99 = it	99 = it 78 = watching				
41 = when	108 = noboc	dy				
64	13	75	59			
+23	+46	+13	+20			
93	57	87	97			
-62	-24	-62	-56			
95	10	36	73			
+13	+21	+42	+26			