



## THE KIDS' ISSUE



# SCHOOL YOUR ENERGY USE.

Great things are happening in schools around the country. School officials, faculty and students are all taking an interest in learning about energy. That's exciting to us at KU, and that's why we're doing our part to help you learn about energy. We've partnered with the National Energy Education Development (NEED) Project to provide support to educators and joined forces with

the American Red Cross in their Pillowcase Project that teaches young children the importance of being prepared during emergencies. We also support the Newspapers in Education program that puts local newspapers in schools throughout our service area. While learning about energy is important, so is improving energy consumption. Start an Energy Club at your school and try these activities.

1. Do an energy audit of your school. Walk around and see how energy can be conserved.
2. Have all students sign a "Declaration of Energy Independence," a promise to conserve energy and help the environment.
3. Make energy savings posters to put up around the building.
4. Write a letter to your local newspaper about what your club is doing.

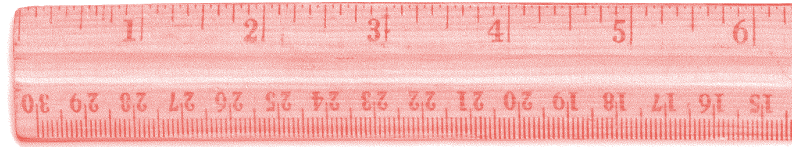
## USE YOUR WORD POWER.

**ACROSS**

1. Hydroelectric \_\_\_\_\_ comes from the energy of falling water.
2. Energy from the ocean's tides is called \_\_\_\_ power.
3. Energy-efficient light bulbs use \_\_\_\_ energy than regular light bulbs.
4. Most of the energy used around the world comes from \_\_\_\_\_.
5. The things we use need \_\_\_\_\_ to work.

**DOWN**

1. Some common fossil fuels are \_\_\_\_, coal and natural gas.
2. \_\_\_\_\_ energy is energy that nature can provide again and again.
3. Solar power is energy from the \_\_\_\_.
4. Burning \_\_\_\_\_ is the most common way electricity is made in the U.S.
5. Turning off the lights is a way to \_\_\_\_\_ or save energy.



## HOW DOES YOUR HOME MEASURE UP?



Want to see how your energy use compares to others' around the country? Grab your parents and go online to [energystar.gov](http://energystar.gov) and use the ENERGY STAR® Home Energy Yardstick. Answer a few questions and get your score along with recommendations on how to improve your energy use at home. Then compare with your friends and see who's winning in the energy saving game.

CROSSWORD ANSWERS: Across 1. Power 2. Total 3. Less 4. Fossil Fuels 5. Energy Down 1. Oil 2. Renewable 3. Sun 4. Coal 5. Conserve Final Answer: RECYCLE

What is something we can do, other than conserve energy, that will help save our environment?  
(Unscramble the colored boxes to find the answer.)

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Ask your parents to sign up for paperless billing to save paper and help the environment!



# WHY LET YOUR ENERGY MONEY GO DOWN THE DRAIN?

Did you know that when you waste water you are also wasting energy? According to the U.S. Environmental Protection Agency (EPA), U.S. water treatment facilities (they clean your water before it comes into your home) use about 56 billion kilowatt-hours (kWh) per year. That's enough electricity to power more than 5 million homes for an entire year. That's a lot of energy to clean our water; don't let it go down the drain.

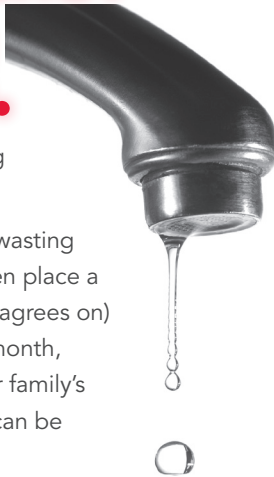
*Things in your home could be wasting water without you even knowing it. Try this activity with your parents to find one of these sneaky water wasters.*

A leaky toilet is easy to overlook. To check for leaks, add food coloring to your toilet tank to really brighten the water. After 30 minutes, look to see if any of the dye has leaked into the bowl. If it has, you have a leaky toilet and need to get it fixed.

## "I SPY" ENERGY WASTERS.

Catch your family in some bad energy-wasting habits with the Energy Waste Jar!

Here's how it works: When you see someone wasting energy, call it out! The energy waster must then place a nickel, dime, quarter (or whatever your family agrees on) into the Energy Waste Jar. At the end of the month, whatever is in the jar goes toward paying your family's energy bill. This way, everyone in your home can be accountable for his/her own energy actions.



Here are a few rules to get you started:

1. Turn lights off when leaving a room.
2. Turn off appliances and electronics when they are not in use.
3. Never leave the water running while brushing your teeth.

Sit down with your family and come up with three more.

4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_

### WATER WASTERS WORD SEARCH

D A T I F R L D C A K T S  
 U O S H O W E R H E A D L  
 E W N P G F A I K N T F A  
 R A R T R O W P I P E S U  
 P T L I S I C G O U Y A S  
 Y E U E A H N R L D K N T  
 T R I C K L E K H D N D O  
 D H F T C K T D L L O W I  
 P O O L E F A U C E T S L  
 K S I E A R W U I S R F E  
 H E Y A I G A H D A L E T  
 E U P K T C R A C K U E U

- |            |            |         |
|------------|------------|---------|
| SHOWERHEAD | POOL       | TRICKLE |
| FAUCETS    | SPRINKLER  | LEAK    |
| TOILET     | WATER HOSE | PUDDLE  |
| PIPES      | DRIP       | CRACK   |

## SEND US YOUR ART!

KU is sponsoring a contest. Send us your artwork showing us how you work to help the environment or save energy. Your design could be selected for use in one of the company's many community festival sponsorships, such as the St. James Art Fair which is held the first weekend of October in Louisville. For more information on how to enter, visit [lge-ku.com/contest](http://lge-ku.com/contest).

### Contact Information



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