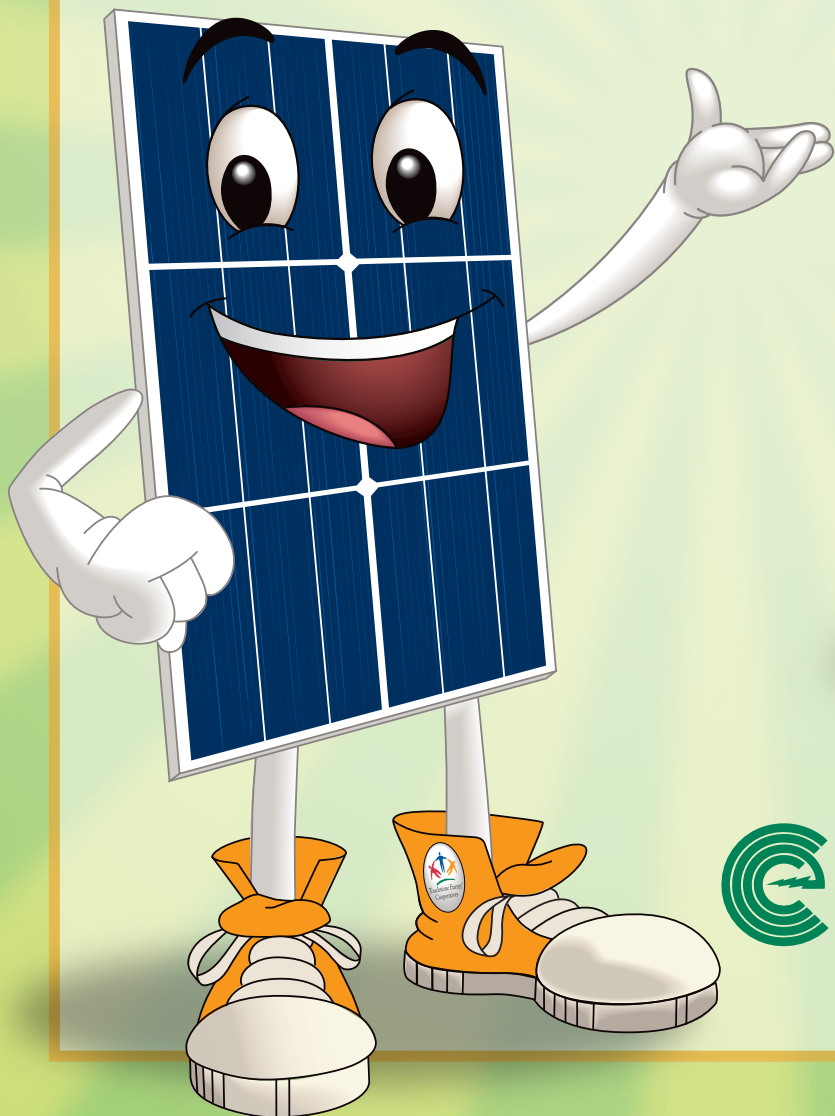


Electricity and You!

- Cooperatives
- Electricity
- Safety
- Conservation



**Cass County
Electric Cooperative**

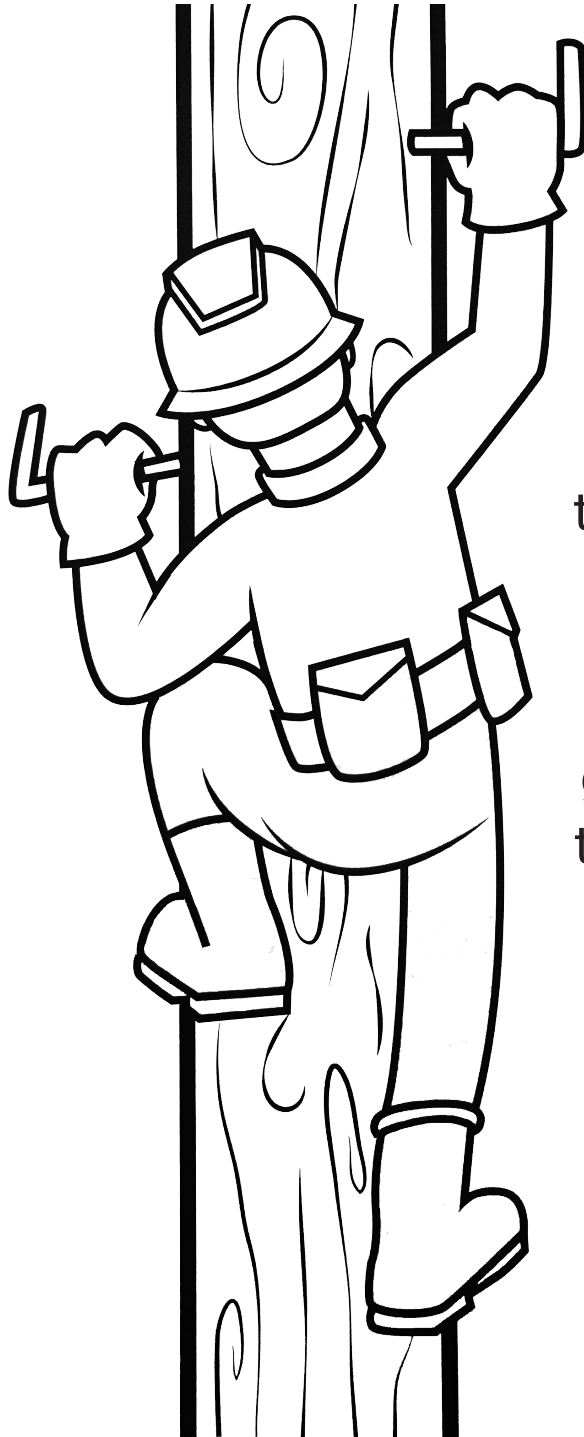
A Touchstone Energy® Cooperative



Cooperatives are...

Electric power cooperatives, like Cass County Electric, deliver electricity to your home so you can have lights, cook food, keep your home warm, use electronics, and more!

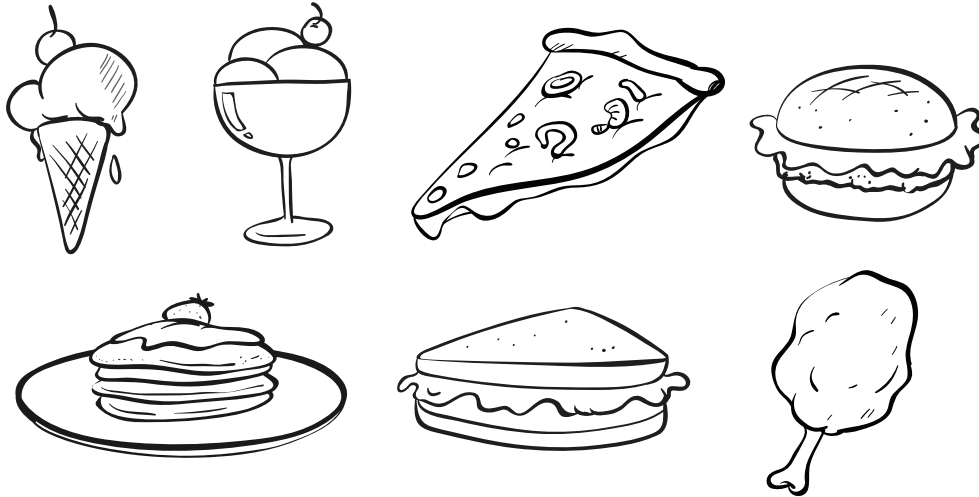
Electric cooperatives provide electricity to members at cost.



This means that any profit they make is reinvested in the co-op or given back to the members!

Energy is...

The ability to do work or perform tasks - like walking the dog or picking up a pencil. This type of energy is fueled by the food we eat.



We also use energy...

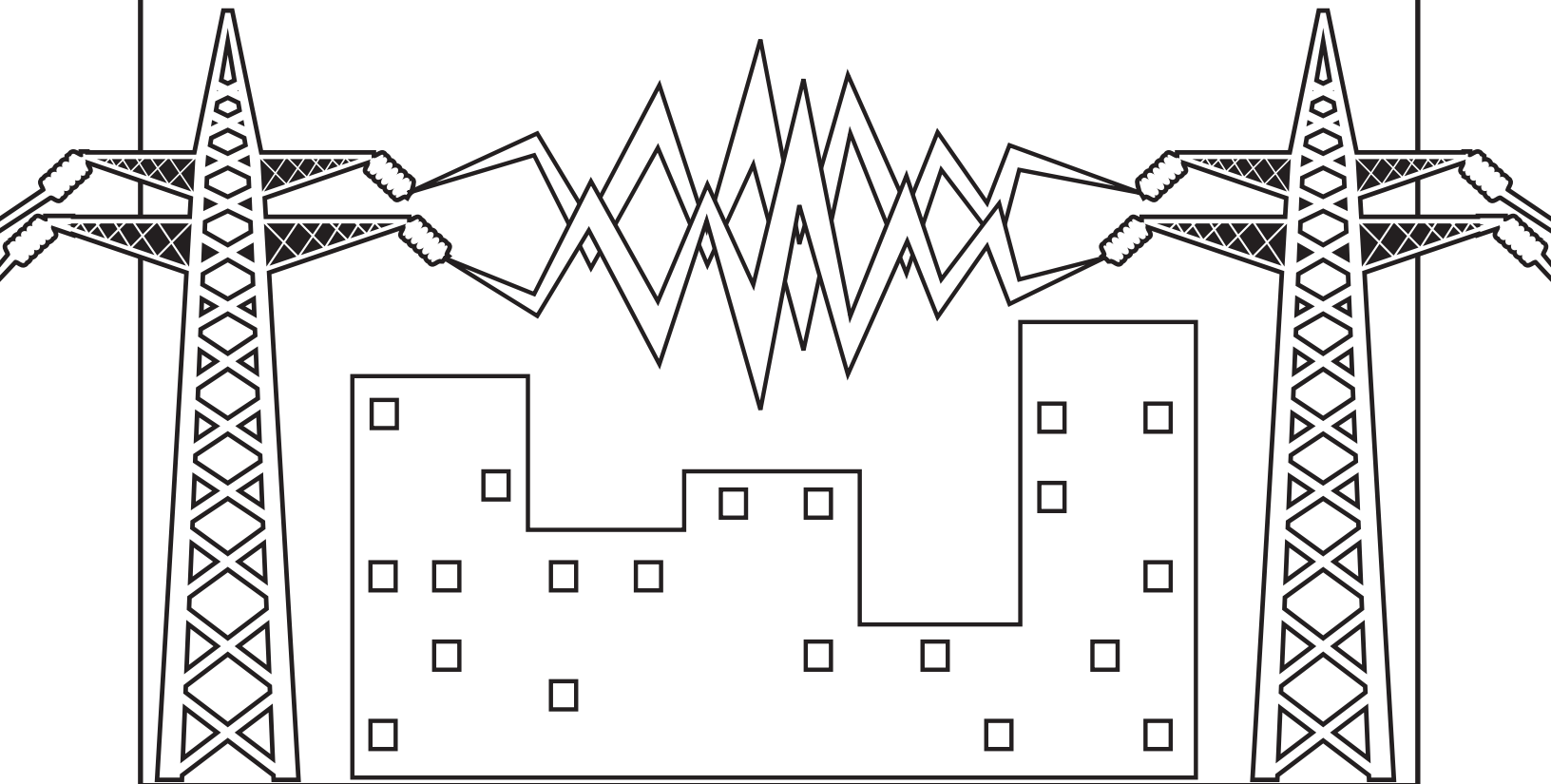
In our homes and schools to power the lights, heating systems, computers, and electronics. This type of energy is fueled by electricity.



Electrical Safety

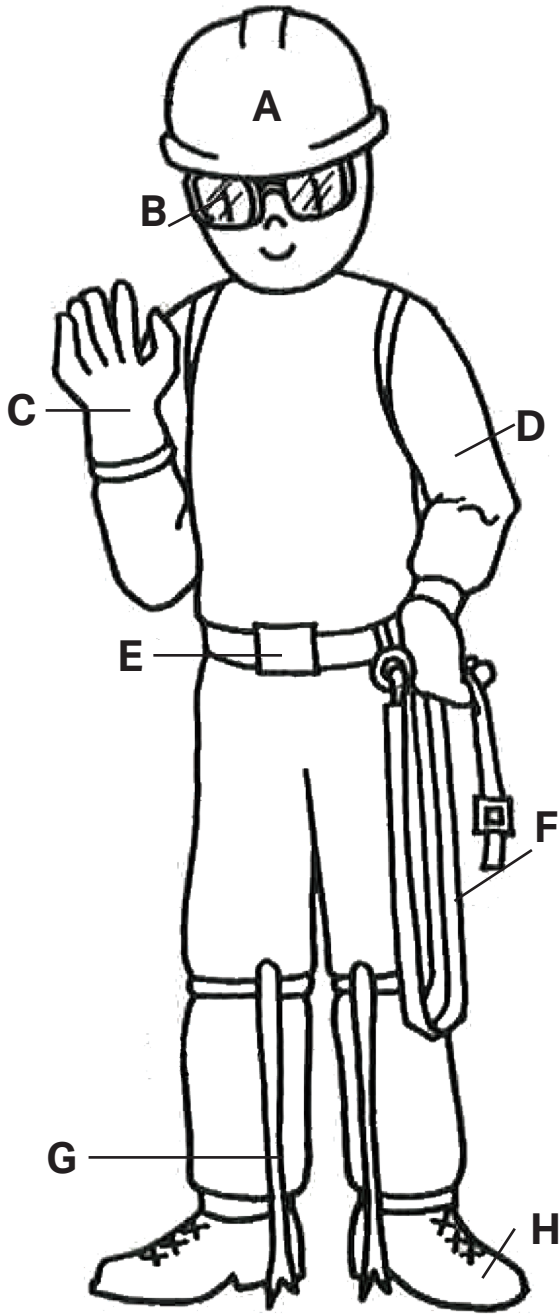
We use electricity every day. But electricity can be very dangerous! Follow these tips to stay safe!

- Always ask a grown-up for help when you need to use something that uses electricity.
- Don't yank or pull cords from a wall.
- Don't play on transformers! They are the big green boxes in your neighborhood that help bring electricity into your home.
- Keep electrical items away from water. Water and electricity don't mix.
- Never touch a power line, especially if there is one that may have fallen down.
- Never climb trees near power lines.
- Don't fly kites near power lines.
- Don't climb on power poles.
- Never put fingers or other objects in an outlet.



Lineworkers

Lineworkers are people that work on the power lines at the electric company. They have special tools and clothing that help keep them safe while they work.



Match the letter from each piece of safety equipment to its name

- ___ 1. climbing spurs
- ___ 2. body belt
- ___ 3. safety strap
- ___ 4. work boots
- ___ 5. safety glasses
- ___ 6. rubber sleeves
- ___ 7. hard hat
- ___ 8. work gloves

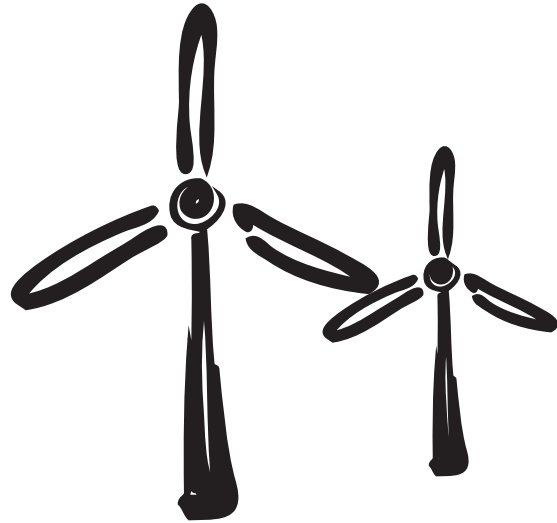
Key: 1. G, 2. E, 3. F, 4. H, 5. B, 6. D, 7. A, 8. C

Where does electricity come from?

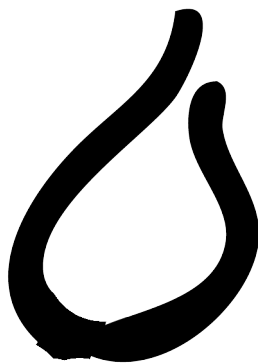
Electricity comes from many different resources, including coal, wind power, hydropower, and solar power. We use many resources so we can make sure there is enough for everybody to use.



Coal



Wind

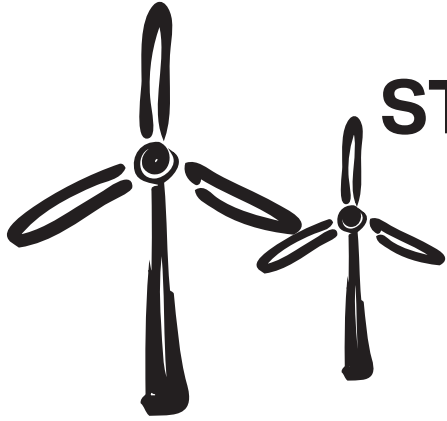


Hydro

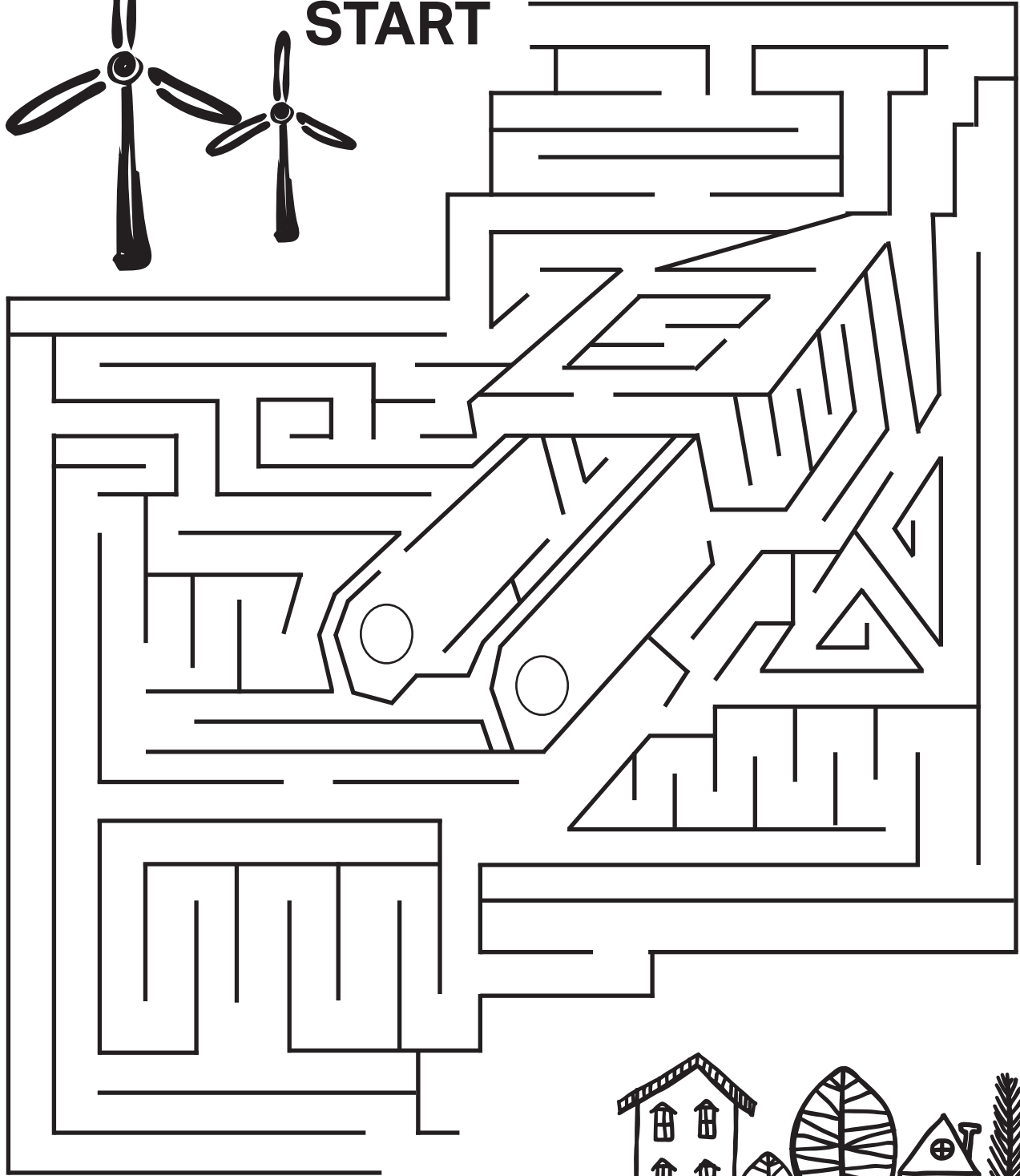


Solar

Can you help electricity get from
the wind towers to your house?



START



FINISH



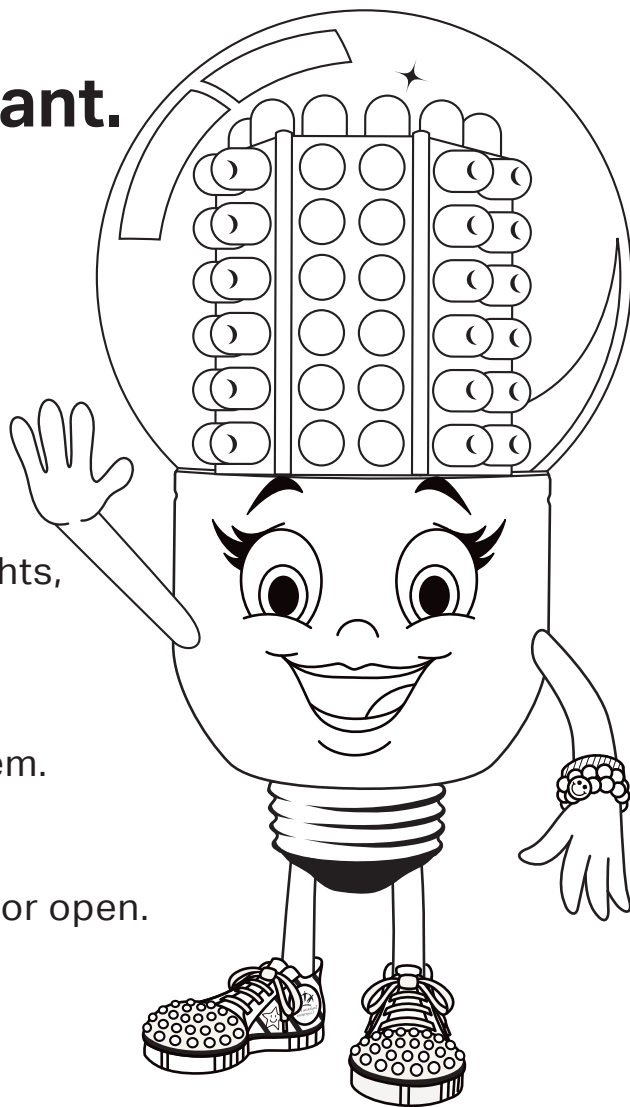
Saving Energy and Electricity is Important.

Cass County Electric Cooperative wants you to use energy wisely. Here are a few things that can help:



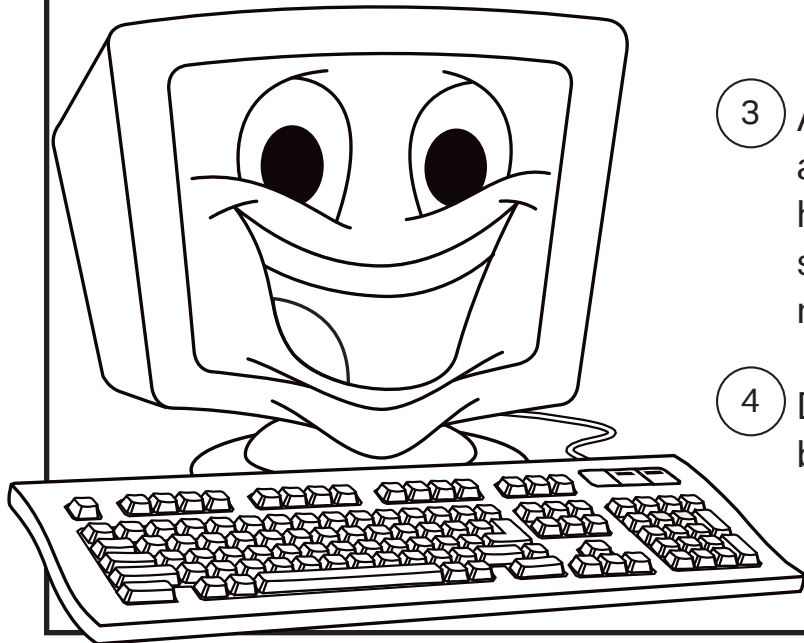
1 Turn off the lights, TV and unplug video games when you are done using them.

2 Don't hold the refrigerator door open.



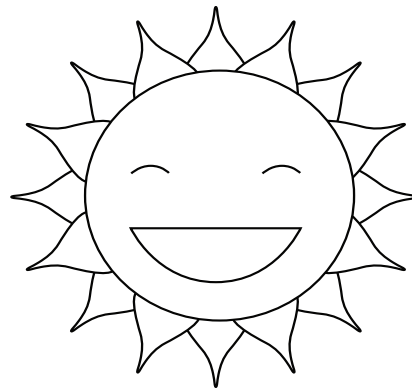
3 Ask your mom or dad to adjust your water heater and heating and cooling system. It can save lots of money.

4 Don't forget to change light bulbs to LEDs!



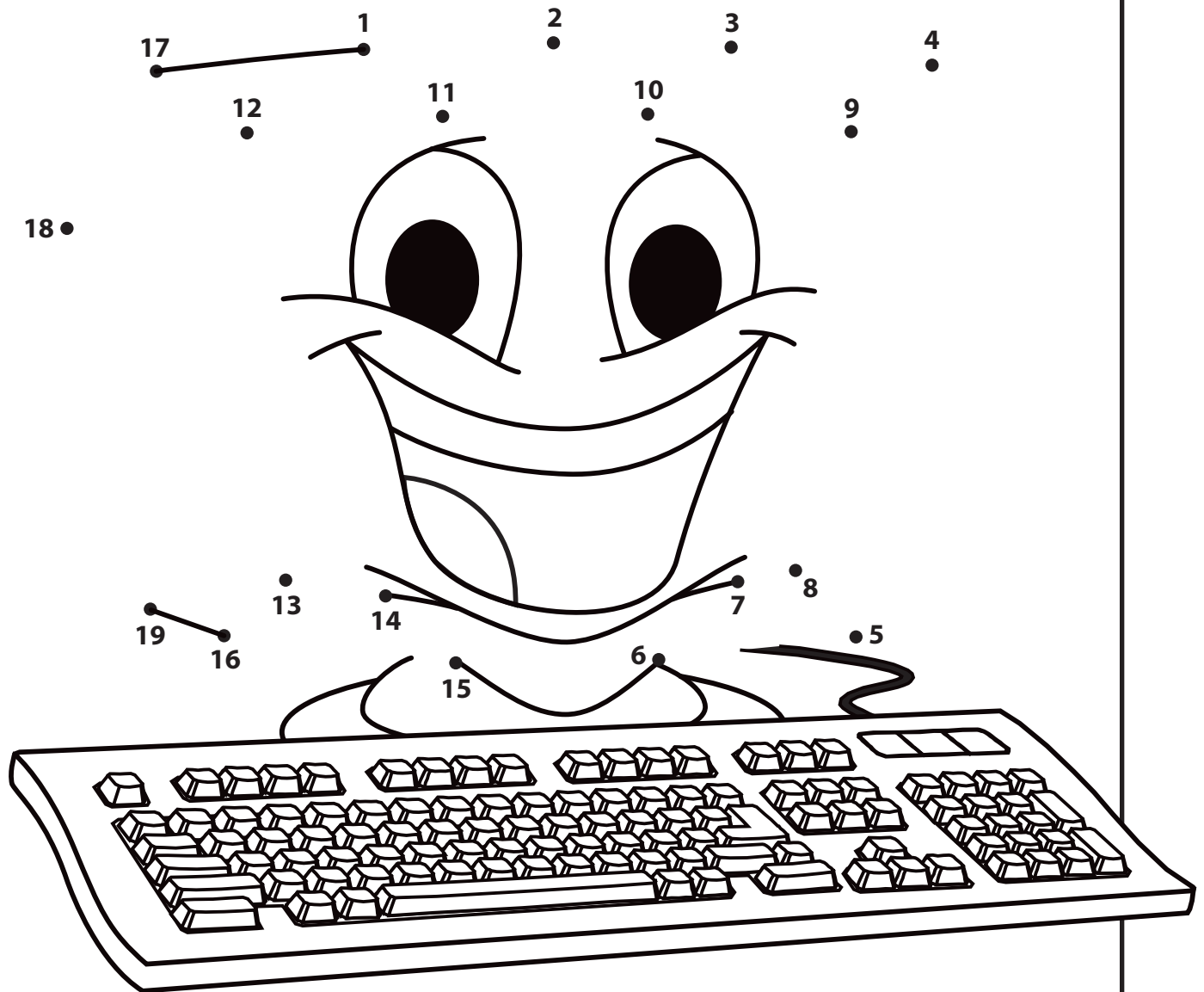
Hi, I'm LED Lucy! I'm a Light Emitting Diode.

That means I use 75
percent less energy and
last six times longer than
a regular bulb!



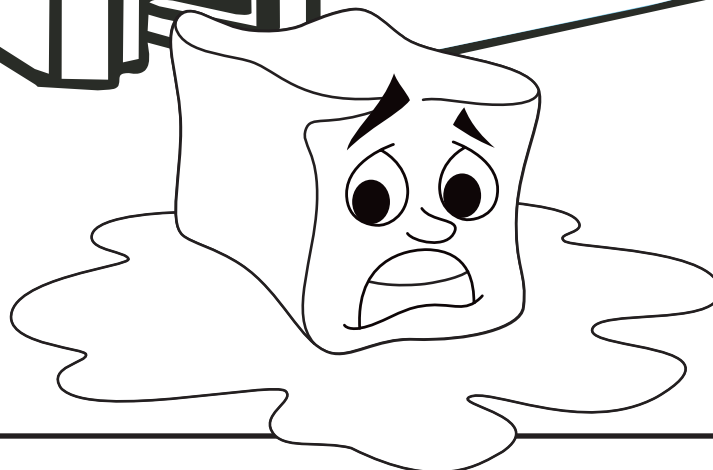
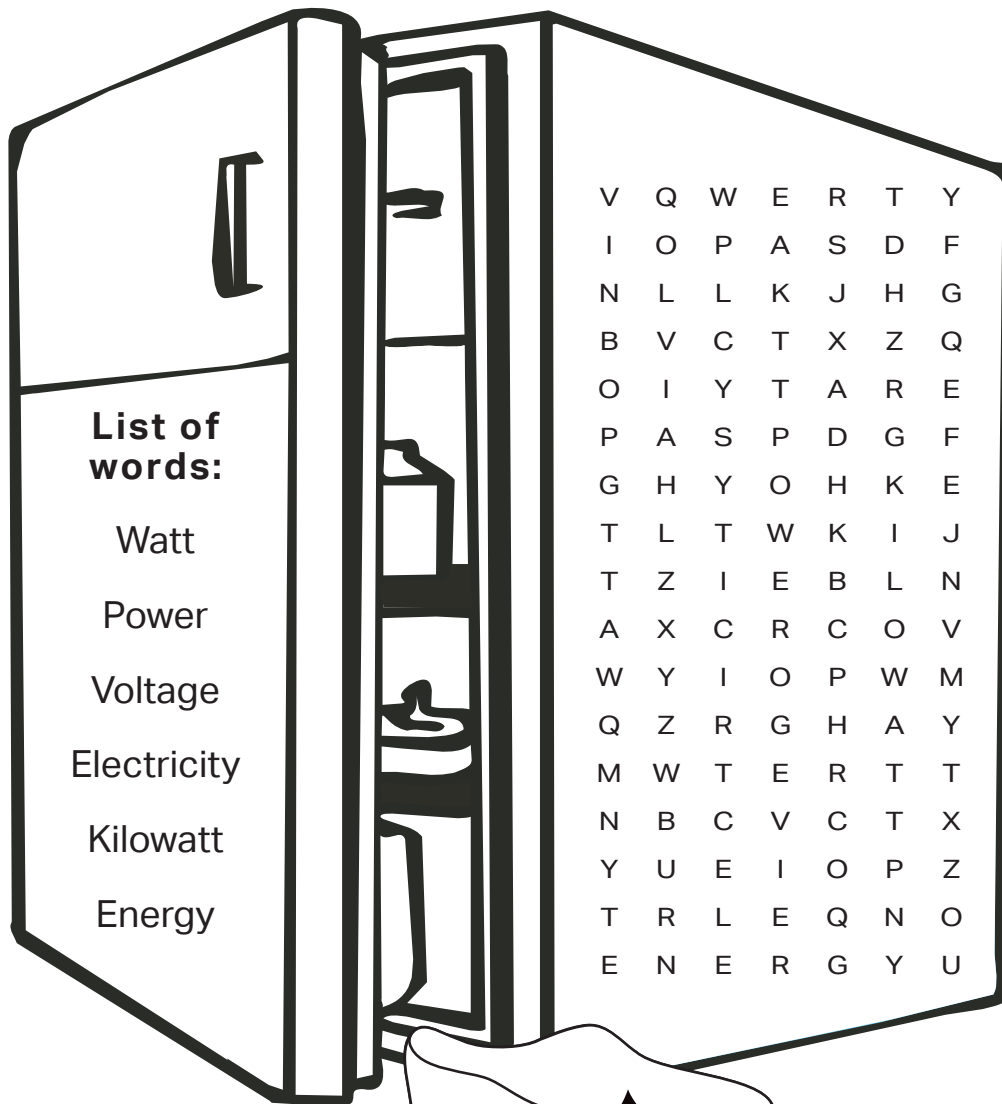
Connect the Dots to Conserve Energy

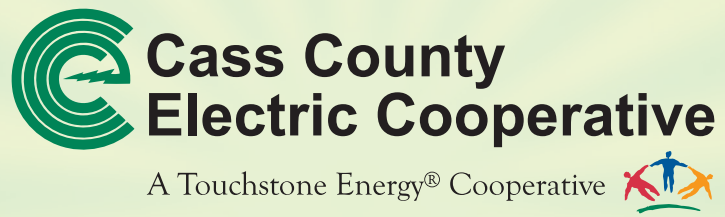
When you leave electronics like video games and televisions on, they use up extra energy. Connect the dots to find out what else uses up extra energy.



Energy Word Search

Energy is what keeps your food cold in the refrigerator. When you stand with the door open, you're letting out all the cold air. Keep the door closed and you will use less energy! Can you find all of the energy words?





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