GRADE



ence



There are many kinds of energy. Food is energy for living things. The sun's light and heat are energy. Sound is energy, too.

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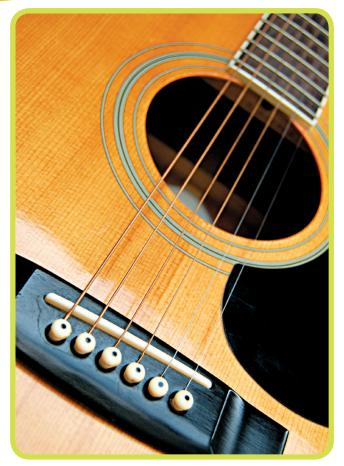
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Footprints



You can burn wood or oil to make light and heat. Lamps use electricity to make light and heat.





Sound is made when something moves back and forth, or vibrates. You can see a guitar string vibrate. You can not see the sound.

Energy can change things. A push or pull can move something. Heat from the sun can melt snow. Light can make a dark room bright.



People use energy for many things. Energy from food helps us work and play.



Cars and other machines use energy. We use energy to keep our homes warm in the winter and cool in the summer. Science Studies Weekly Footprints



Look at these pictures. What do you see?



Did you know that raisins are made from grapes? Energy from the sun or an oven dries the grapes.



Name

Blast-Off (Do this outside in an open space.)

What You Need

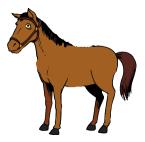
- a plastic film canister with a lid
- 1 Alka-Seltzer tablet
- water
- safety glasses
- an adult helper

What to Do

- 1. Put on the safety glasses.
- 2. Fill the canister half full with water.
- 3. Drop the tablet in the water. Snap on the lid quickly.
- 4. Point the canister away from everyone.

What Happens - The tablet fizzes and creates energy. The energy pushes the lid off the canister.

Write the first letter of each of these things on the line under the picture. What do the letters spell?







RIGINAL

