

SCIENCE STARTERS

Energy





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Energy Is Everywhere!



The car pulls into the snowy driveway. Shivering, you run into the house. You flip on the lights. Mom turns up the heat. You make hot cocoa.



Energy made all of
these things happen!



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What Is Energy?



Energy makes things work.
It is everywhere!



Energy cannot be created or destroyed. It moves from one object to another.



On Earth, the sun is an important **source** of energy. It gives heat and light. This makes plants grow.

For Review Only





For Review Only

People and animals eat plants.
This gives them the energy they
need to live.



Energy Transfer

You can see how energy transfers from one ball to another!

What you will need:

- a large, heavy ball
- a smaller, lighter ball
- a large room or a place to do this activity outside

1. Hold the large ball in one hand.
2. Put the smaller ball on top of the larger ball. Hold the smaller ball still.
3. Take your hands off both balls at once. The larger ball will bounce on the ground.
4. What happens to the smaller ball? Where did that energy come from?

