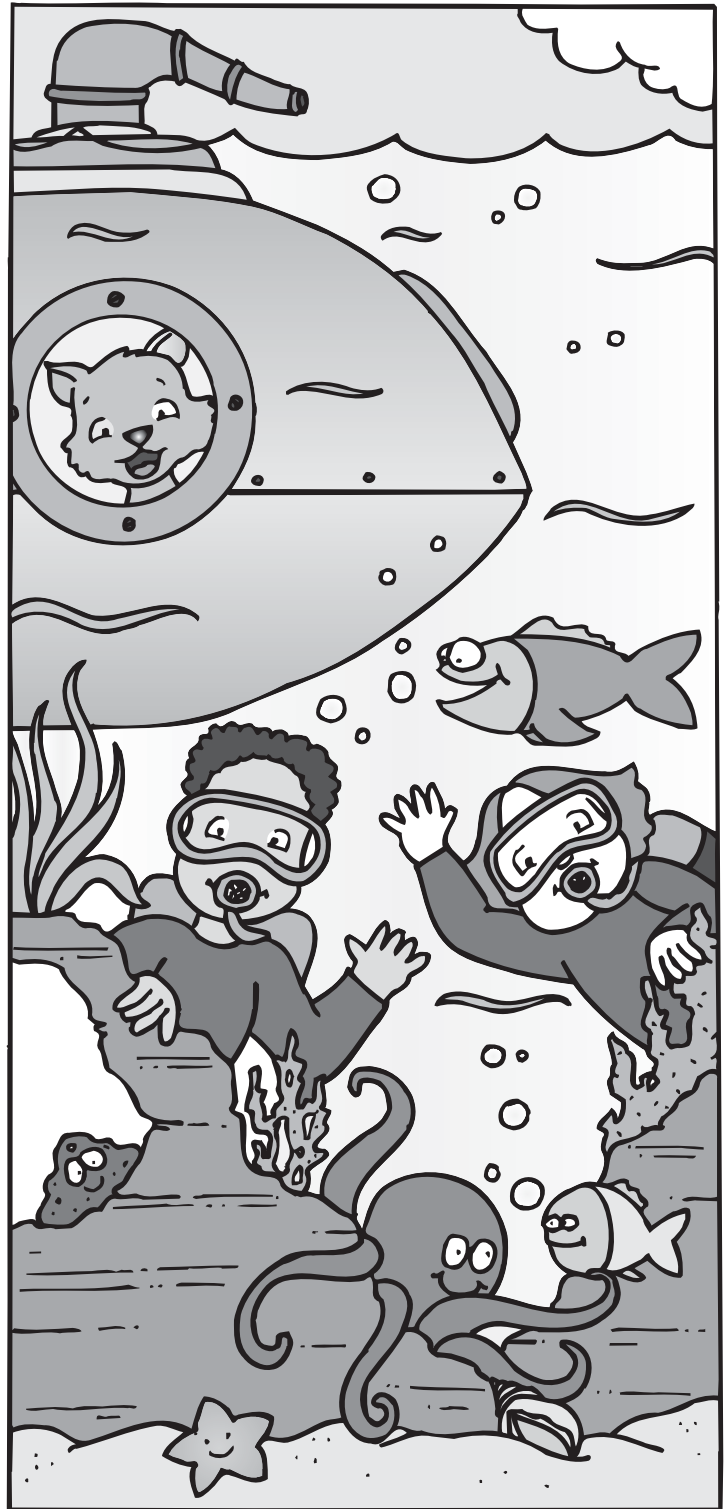


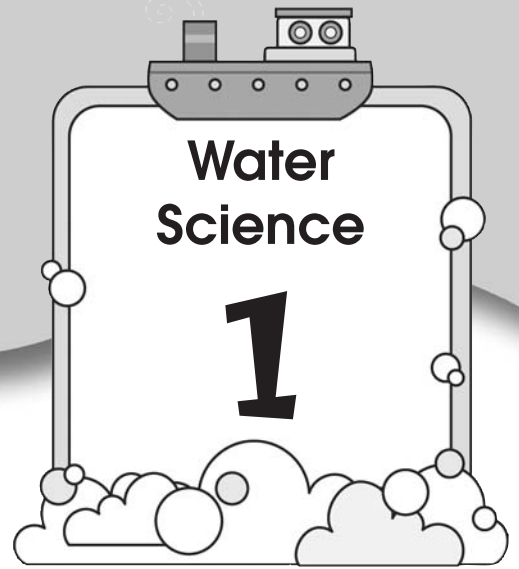
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Wonderful Water



The Wonders of Water

Water covers $\frac{3}{4}$ of the Earth's surface. It is the liquid we drink, it is in the ice we skate on and it is in the steam from a boiling teakettle.

Water is a part of all living things. Over $\frac{2}{3}$ of your body is water. If you weigh 90 pounds, you contain 60 pounds of water.

List 10 ways you and your family use water.

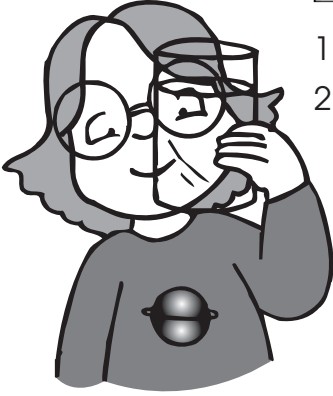
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Wonderful Water



A Close Look at Water



1. Fill a glass with water and look at it closely.
2. Look through a glass of water. Can you see beyond the glass? Light goes right through water. What color is the water in the glass? Does it seem colorless? It is. Water in oceans sometimes seems to be green or blue because of the sunlight and the depth of the water.
3. Dip your finger into the glass. Is it easy to push the water aside? That is because this water is in a liquid state.
4. Dip your finger in and out of the water and raise it into the air. Does your finger feel cool? The water is evaporating into the air. Evaporation cools things.
5. Taste some fresh, clean water. Can you describe the taste? That isn't easy because pure water is tasteless.
6. Pour a little salt or sugar into a glass of water. Stir it up. Can you see the salt? Some things dissolve in water and seem to disappear.

Caution!
Do not
taste the
salt water.
It will make
you sick.



Wonderful Water



A Close Look at Water Drops

1. Turn on your faucet. The water comes out in a steady stream.
2. Slowly turn the faucet off until you get a series of small drops. Observe the drops at eye level. What is their shape when they first come out? What is their shape as they fall?
3. Find an eyedropper or dropper bottle. Place a water drop on a paper towel. What happens to the water?
4. Place a drop on a piece of plastic. What happens to the drop? Does it have a particular shape?
5. Let some drops fall into a glass of water. Look right at water level. Describe what you observe.



The Quarter Water Challenge

Compete with your friends on this experiment. Place a white card under a quarter. Slowly add drops of water on top of the quarter. Count the drops until you see water overflowing on the card.

*I had 10 drops.
Can you do more?
Notice how the
water bulges
above the quarter.
Water acts as if it
has a skin.*

