

Studies Weekly™

Trailblazer

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Share the Earth

People share the Earth with millions of other living things. It is up to people to take care of the Earth. We need to keep Earth clean and use resources wisely. If people are careful, there will be room for all living things on Earth.

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Share the Earth

Look & Learn

Resources are things we can use. Things like food, air and water are resources. Living things use resources every day. People need to use resources carefully, so that there are enough for all living things on Earth.

People need to conserve resources like water, oil and trees. Conserve means to use something carefully and not waste it.



All living things need clean air and clean water. People need to protect the air and water from pollution. Protect means to keep something safe.

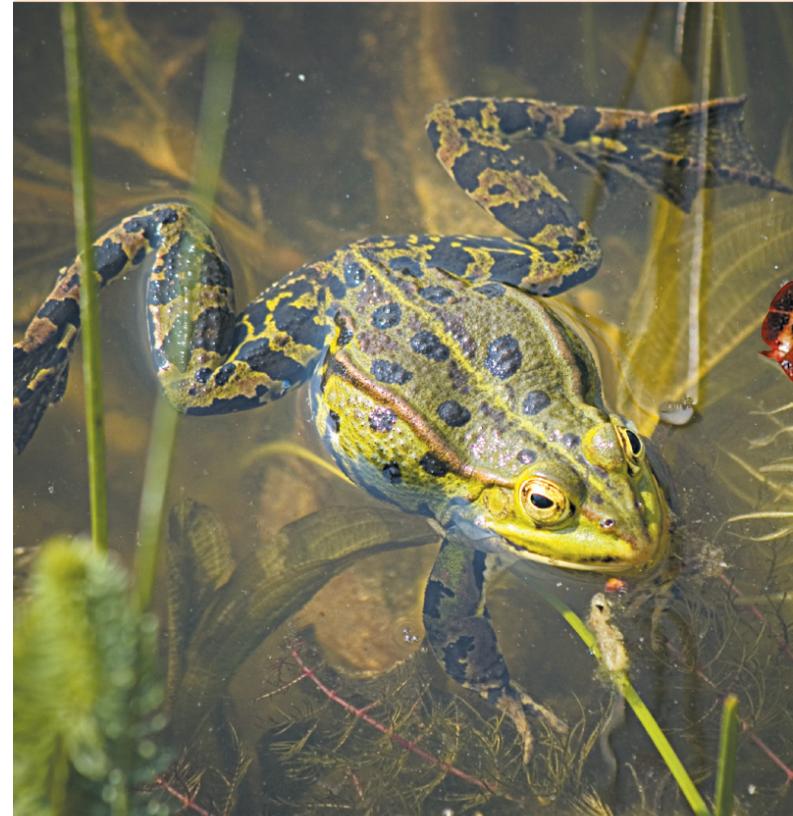
Some plants and animals that once lived on Earth are now extinct. That means they are gone forever.



Saber-toothed cats lived during the last Ice Age. They became extinct almost 12,000 years ago.

What can you do to help conserve things we need and protect the Earth?

Some plants and animals are endangered. That means they are in danger of becoming extinct.



Many frogs are endangered. Pollution is destroying their homes and making the frogs sick. Many scientists believe that global warming is changing Earth's weather. That may make it hard for frogs to survive.

Cockroaches have lived on Earth for about 300 million years. Look at this picture of a cockroach.



Why do you think they have been around so long? They can live for about 30 days without eating.

They move very quickly. They can get away from animals like frogs and birds that would like to eat them.

Erosion

Erosion happens when something is worn away. Rocks can be worn away by water, wind, rain and rock slides.

What You Need

- large clear plastic container with a lid
- paper towels
- a piece of sidewalk chalk
- a piece of quartz
- a piece of brick
- measuring cup
- water



What to Do

1. Place the paper towel on your desk. Rub the chalk and brick together. Which is harder, chalk or brick? How can you tell? Discuss with a friend how you know.
2. Rub the chalk and quartz together. Which is harder, chalk or quartz? How can you tell? Discuss with a friend how you know.
3. Rub the brick and quartz together. Which is harder, brick or quartz? How can you tell? Discuss with a friend how you know.
4. Collect all of the rocks. Put them in the large clear plastic container.
5. Use the measuring cup to fill the container with 2 cups of water. Put the lid on tightly.
6. Shake the container. What do you see happening?
7. Pass the container around the class. Discuss your observations.

You should have seen that the softer rock left marks on the harder rocks when rubbing. The softer rock also breaks apart more easily in water. This is what happens during erosion.

Fill in the Blanks

1. _____

means to keep something safe.

2. _____ are things we can use.

3. _____ means to use

something carefully and not waste it.

Word Bank

- Resources
- Protect
- Conserve