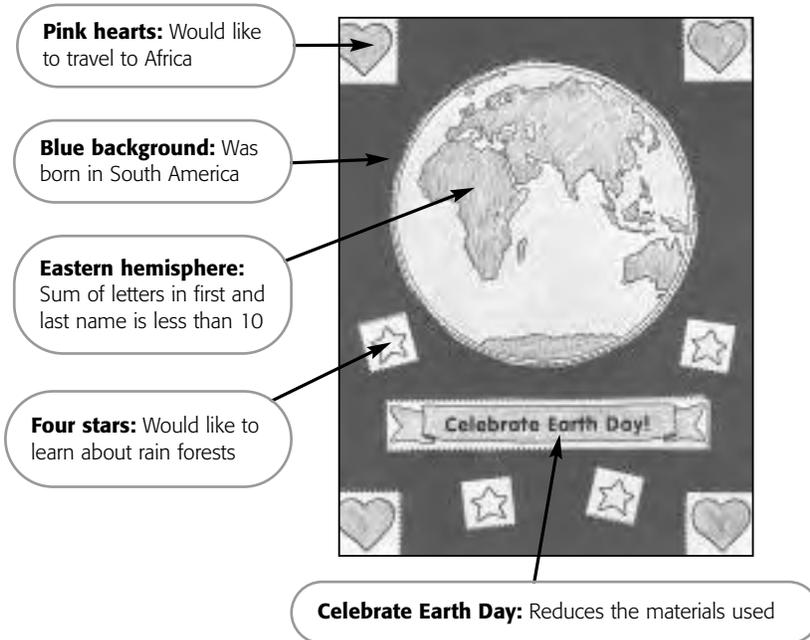


Let's Learn About Earth



Math Skills

- greater than, less than
- counting
- one-to-one correspondence
- addition

Creating the Glyph

1. Distribute copies of the Earth patterns and legend to students. Review the legend, one characteristic at a time, as you display a completed glyph. Then distribute the other materials, and invite students to use the legend to create their own personal Earth glyph.
2. For question 1, have students choose the color of construction paper that corresponds to their answer, or color a sheet of white paper.
3. Have students position the construction paper vertically; then have them glue Earth to the center of the sheet, the four hearts in the corners, the stars around Earth, and the banner below Earth.

Critical Thinking

Ask students to sequence the glyphs by the number of stars. Then have them examine groups of glyphs with the same number of stars to find out what features they have in common. As students share their findings, ask them to tell what the similar features mean. For example, if glyphs have three stars and show the Eastern hemisphere, these students would like to learn about the desert and have fewer than ten letters in their first and last name combined.

Materials

- reproducible glyph pattern and legend (pages 3–5)
- completed Earth glyph
- 9- by 12-inch red, blue, green, yellow, purple, pink, and tan construction paper
- scissors
- glue or paste
- crayons

Explore More

Math For this activity, you'll need large caps (rinsed clean) from liquid laundry detergent and clean, empty plastic bottles of different sizes and shapes. Have students choose two bottles that differ in size or shape. Invite them to predict how many capfuls of water will be needed to fill each one. Then have them fill the bottles with water, one cap at a time. When finished, let students compare the actual number of capfuls to their predictions. Then recycle the containers!

Science, Language Arts Divide the class into groups according to which habitat they would most like to learn about. Have each group work together to make a list of questions about the habitat; then research to find the answers. Let each group create a large poster with facts about the habitat. Encourage them to draw a picture of the habitat as well as the creatures that live there.

Science, Social Studies Divide the class into three groups, according to their responses to question 5 on their glyphs. Invite each group to list specific ways they protect Earth most often (by reducing the amount of materials they use, recycling, or reusing materials). For example, students might reduce the amount of paper towels they use at home by using a cloth hand towel instead. Have each group write their list on chart paper. Display the charts to encourage students to protect Earth.



Literature Links

The Lorax

by Dr. Seuss (Random House, 1971).
In spite of warnings from the Lorax, the enterprising Once-ler strips the land of its natural resources to satisfy his own greed. Is the endangered land doomed to destruction?

Where Does the Garbage Go?

(Let's-Read-and-Find-Out Science 2)

by Paul Showers (HarperCollins, 1994).
Children take a field trip to a landfill to find out where the garbage goes and what happens to it when it gets there. Along the way, they learn how trash can be converted to energy and how paper, glass, and plastic are recycled.

Name _____

Legend

Let's Learn About Earth

1 In which continent were you born?

	North America	South America	Asia	Africa	Europe	Australia	Antarctica
Color of Background	red	blue	green	yellow	purple	pink	tan

2 Add the number of letters in your first and last name. What is the sum?

	less than 10 letters	10 or more letters
Hemisphere	Eastern Hemisphere	Western Hemisphere

3 In which continent would you most like to travel?

	North America	South America	Asia	Africa	Europe	Australia	Antarctica
Color of Hearts	yellow	tan	purple	pink	green	red	blue

4 Which type of place would you like to learn about?

	desert	rain forest	coniferous forest	polar region	grassland	mountain
Number of Stars	3	4	5	6	7	8

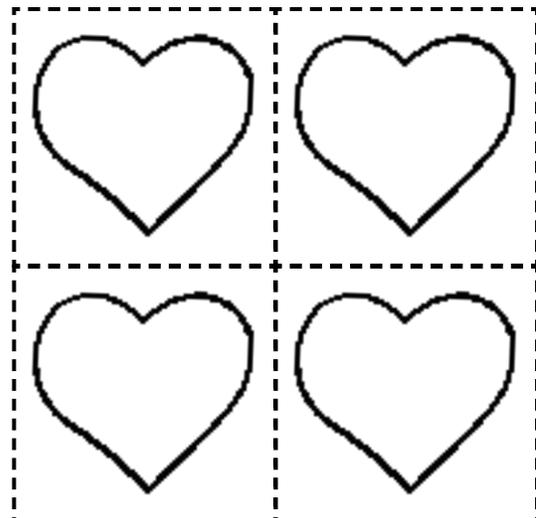
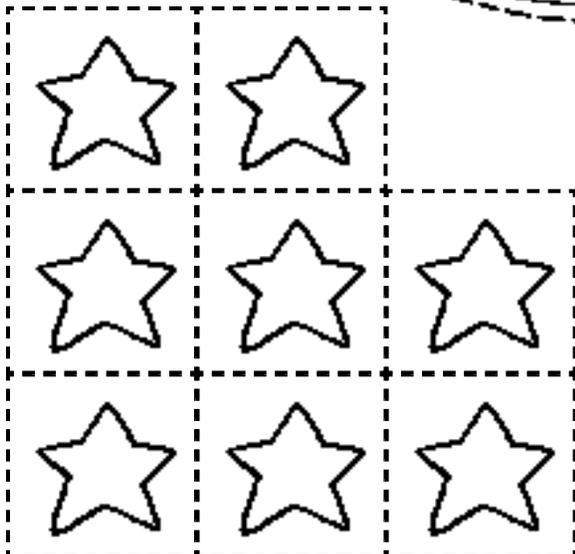
5 Which do you do most often to protect the Earth?

	I reduce the materials I use.	I recycle materials.	I reuse materials.
Message Below Earth	Celebrate Earth Day!	Protect the Earth!	Conserve Resources!

Let's Learn About Earth Patterns



**Eastern
Hemisphere**



**Let's Learn About Earth
Patterns**



**Western
Hemisphere**

Celebrate Earth Day!

Protect the Earth!

Conserve Resources!