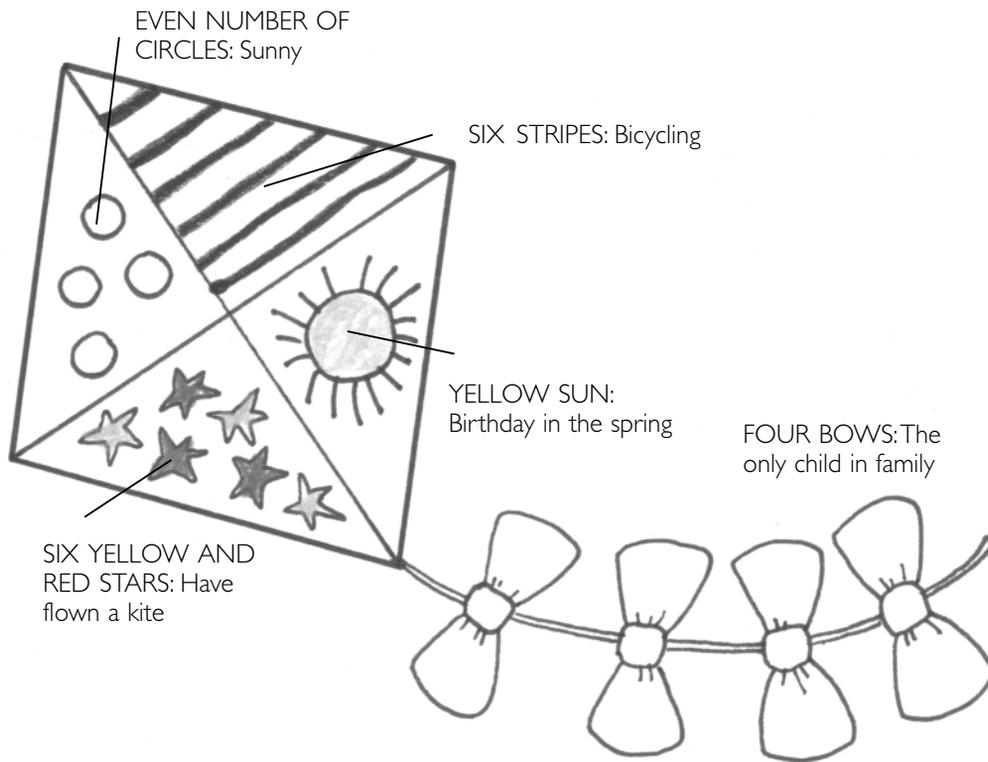


Come Fly With Me!



Math Skills

- ◆ geometry: vertical, horizontal lines; shapes
- ◆ even/odd numbers
- ◆ one-to-one correspondence
- ◆ directionality: left, right; top, bottom
- ◆ addition
- ◆ fractions

Materials

- ◆ reproducible glyph patterns and legend from pages 3–4
- ◆ completed kite glyph
- ◆ tape
- ◆ scissors
- ◆ pieces of string cut to 6 inches
- ◆ crayons
- ◆ ruler

Creating the Glyph

Distribute copies of the kite glyph patterns and the legend to students. Review the legend, one characteristic at a time, as you display a glyph you have completed. Then distribute the other materials, and invite students to use the legend to create their own personal kite glyph.

1. To begin, have students use a ruler to draw a line from top to bottom, and from left to right, to divide the kite into four equal parts.
2. Have students identify the shapes they made. (*triangles*) Discuss that each triangle is one quarter of the whole quadrilateral.
3. Students can use tape to attach the string to the kite and bows onto the string as they complete step 5 of the legend.

Literature LINKS

Curious George Flies a Kite by Margaret Rey. Houghton Mifflin Publishers, 1958.

Curious George meets a man with a kite who teaches him how to fly it.

The Emperor and the Kite by Jane Yolen. Putnam Publisher Group, 1988. (Caldecott Award Winner)
A Chinese emperor's youngest daughter spends her days playing with a kite made from paper and sticks.

Critical Thinking

Ask students what part of the kite glyph they should look at to identify everyone's favorite springtime activity. (*the upper right*) Gather students' ideas about how they could make a graph that would represent this information. Then divide the class in small groups. Ask some groups to make a vertical bar graph and the others to make a horizontal bar graph. Discuss how both types represent the same data.

Explore More

- ☀ **Math** Ask students to write equations that match the number of stars and stripes they drew. For example, six stars and two stripes: $6 + 2 = 8$.
- ☀ **Language Arts** Invite students to review the springtime activities they represented on their kite glyphs. Then discuss other favorite springtime activities, and make a class list. Ask each student to choose an activity and write about it, telling why they like (or would like) to do it.
- ☀ **Science, Art** If your school has an art teacher, ask him or her to make kites with students. Students can fly their kites, identify those that fly better than others, and analyze what makes one kite fly better than another. A store-bought kite could be purchased and compared to the students' handmade kites to identify similarities and differences and to compare which flies better.
- ☀ **Math, Science** Have students make another kite. To figure out how long a tail the kite can have, ask each student to place a bottle cap at a starting line on a table or desk. (All students should use the same starting line.) Give a straw to each student, and invite students, one at a time, to blow once through the straw to move the bottle cap along the table. Each student should then measure the distance his or her cap traveled, and cut a piece of string the same length for the kite's tail.

Name _____

Come Fly With Me!

1 What is your favorite springtime weather? Draw shapes.

Top left part of the kite	even number of circles	odd number of triangles	even number of squares	odd number of rectangles
	sunny	rainy	windy	snowy

2 Which outdoor activity would you like to try? Draw stripes.

Top right part of the kite	fewer than 5	more than 4 but fewer than 8	8	more than 8 but fewer than 11
	flying a kite	bicycling	skateboarding	play a team sport

3 Have you ever flown a kite? Draw six stars in all.

Bottom left part of the kite	6 yellow and red stars	6 blue and green stars
	yes	no

4 When is your birthday? Draw a sun.

Bottom right part of the kite	yellow	orange
	in the spring	not in the spring

5 What position are you in your family?

Number of Bows	1	2	3	4
	youngest child	oldest child	a middle child	the only child

Come Fly With Me!

Kite pattern

