

Name: _____ **Date:** _____

Materials needed: Book(s) to read together, ruler, pen or pencil, pencil crayons, piece of string, one rock per student (see below).

1) **Read the book, “If You Find a Rock”** by Peggy Christian, with photographs by Barbara Hirsch Lember, or **“Rocks: Hard, Soft, Smooth, and Rough,”** by Natalie M. Rosinsky, illustrated by Matthew John. **Discuss the types of rocks in the book(s) and the features of each rock.**



2) **Read the book “Everybody Needs A Rock,”** by Byrd Baylor, with pictures by Peter Parnall. Discuss the rules in the book for finding your perfect rock. **Find a rock using the rules in the book, plus these rules:**

- ☐ Your rock should be smaller than a tennis ball.
- ☐ You are not allowed to throw your rock.

Bring your rock to school. This rock will become your “pet rock.”

3) **Does your pet rock match any of the features in the book “If You Find A Rock?”**

- ☐ **Skipping rock:** Flat and round
- ☐ **Chalk rock:** Writes on pavement
- ☐ **Wishing rock:** A stripe or layer runs through the rock
- ☐ **Splashing rock:** A bigger rock
- ☐ **Sifting rock:** Small and rounded pebble
- ☐ **Worry rock:** Water smoothed
- ☐ **Fossil rock:** Print of something else in the rock
- ☐ **Memory rock:** Reminds you of something important in your life.

	<h2 style="margin: 0;">My Pet Rock Observations:</h2>	
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Fill in the following observations about your rock:

Size: Measure the longest and shortest sides	Longest side:	Shortest side:
Color:	Main color:	Other colors:
Texture: How does my rock feel?	Main feel:	Parts that feel different than main part:
Lustre: Shiny or reflective parts in my rock		
Other:		

4) Draw a picture of your rock and color it. Label all the features of your rock:

5) My Pet Rock's name is:

6) Why did you give it this name?

(Adapted from some ideas in: "Rock Solid Science. Karen Ansberry; Emily Morgan. *Science and Children*; Dec 2006; 44, 4; ProQuest Education Journals. p. 14.)

Extension activities: "Rock and Roll (Around the Rock Cycle)" on this web page, will help you classify your pet rock into: sedimentary (sandwich), metamorphic (squeeze), or igneous (melt) rock groups, and learn the parts of the rock cycle.