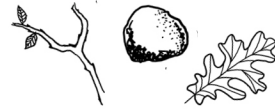


SHAPES, COLORS, AND SIZES - OH MY!



EXPLORING PATTERNS IN NATURE

- Find 5-10 rocks, twigs, acorns, leaves or other natural objects. How are the objects similar? How are they different? Are any objects exactly the same?



- Arrange the objects on the ground and look at them for a few moments. Ask someone to take one away while you close your eyes and see if you can guess which is missing.

- Sort the objects into groups. You can sort them by shape, color, size, texture, or some other characteristic.



- Use the materials you collected to make a shape or design. You can try to balance them one on top of the other or decorate the base of a tree.

- Trees have character: different shapes and trunks. Look up at the branches of a tree. Does your tree hold its branches up or do the branches hang down? Choose a tree and have someone take a picture of you imitating it. Can you find a tree that has smooth bark and a tree that has rough bark? Extra credit: find a tree with bark that looks like burnt potato chips.

Brown

Yellow

Green

Orange

Gray

Black

- Find different colors in nature. Notice which color different natural objects are. Which colors are easier to find and most common in nature? Which are more difficult? Try to find as many colors as you can.

- Look up at the sky. Are there clouds today? Are they moving quickly or slowly? What shape are they? Do the clouds remind you of anything?



- Take an "Opposite Walk." Look for things that are opposite:

Rough

Smooth

Hard

Soft

Warm

Cool

Fragrant

Stinky

Colorful

Plain

Fuzzy

Bumpy