

# Exploring Letters and Numbers in Nature



- 1.) Take photos of items in nature that look like a letter or number.
- 2.) Look for a four-leaf clover. Regardless of whether you find one or not, take a picture or draw a sketch of what you do find.
- 3.) Create a letter or number out of leaves, branches, rocks, or other nature items.
- 4.) Look for clouds shaped like letters or numbers.
- 5.) See how many stars you can count in the sky on a clear night.
- 6.) Find items in nature that begin with all the letters of the alphabet.
- 7.) Spell your name with a stick in the dirt or sand.
- 8.) Count how many steps it takes to walk around a large tree.
- 9.) On a walk outside, count how many times you hear a bird chirp.
- 10.) Measure how tall you are against a tree trunk.
- 11.) Collect 26 rocks and paint a different letter on each.
- 12.) Count how many colors you see in your backyard or the park.
- 13.) Find at least five different kinds of leaves and use them to make art (i.e. a collage of leaves, trace and color the leaves, etc.).
- 14.) Count the number of trees you see.
- 15.) Count how many waves you see in a pool or body of water. How would you describe the waves? Big or small? Growing or shrinking?
- 16.) Go on a nature scavenger hunt. See how many of these items you can find: birds, leaves, rocks, grass, insects, trees, clouds, and flowers.
- 17.) Look up what Fibonacci numbers are if you do not already know and find flowers with the same number of petals as any Fibonacci number you choose.
- 18.) Sit outside and describe what you see in nature by writing in a journal or notebook. Do you see any man-made items? If so, describe those as well.
- 19.) Make a homemade rain gauge and measure how much it rains after a rain shower. An example can be found at: <http://theimaginationtree.com/2012/04/homemade-rain-gauge.html>
- 20.) Drop a pebble in a puddle and count how many ripples follow.