

PATTERNS GALORE!

1. Collect 5-10 objects found on the ground (i.e. rock, leaf, stick). You can have more than one of each object as long as they are slightly different in appearance (i.e. maple leaf, oak leaf, colors, shape, etc.)
2. Take a piece of blank paper and make a horizontal pattern with the objects found. Make sure to use all of the objects.
3. Take a picture of the pattern.
4. On the blank paper, create a different horizontal pattern with all of the same objects found.
5. Take a picture of the pattern.
6. Continue to do steps 2-5 until you think you have created all of the horizontal patterns possible.
7. Look at the pictures and count how many different patterns you created. Write that number here:

8. Now, take a closer look at two of the pictures. How many ways are they similar? How many ways are they different? (Hint: Are the objects laying the same way? Is the leaf's stem pointing up, down, left, or right?)

_____ similar

_____ different

9. Print out one or more pictures on cardstock and create a puzzle game.

