



### ACTIVITY 3: INVESTIGATING PATTERNS AROUND US

**Age:** 6yrs and above

**Materials:**

Seeds, mud, chalk, rangoli powder, stones, waste/recyclable materials, waste paper, etc.

**Step 1: Look around your house and find any materials or surfaces that has different patterns (things that repeats itself)**

**Points to keep in mind:**

1. If possible, find a partner who can work with you, a sibling or a young family member.
2. Ask them to do the same activity, but independently.
3. Look around your house and see if there are materials which have different *patterns* on them (fabrics, surfaces, walls, etc.).
4. Observe how line and shapes come together to make these patterns (*Shapes*: geometric shapes, free form shapes, negative & positive shapes, etc. *Lines*: zigzag, wavy, straight etc.)
5. Find at least 5 different patterns and closely observe how the lines or shapes form the pattern.

6. Look around and find materials that you can use to create the patterns you observed. (Seeds, mud, chalk, rangoli powder, stones, waste/recyclable materials, waste paper, etc.) You can create these patterns on any surface like arranging on the floor, or glue them on paper.
7. After creating the patterns you observed, you can now think of a unique pattern which you have not seen anywhere and try to create it. Try creating 3 new patterns of your own.

### **If you found a partner**

1. Share with each other the patterns you find. Try to find different patterns individually.
2. Show each other the materials you find to create the patterns. Share your materials as needed.
3. Collective decide to select some of the patterns you both observed, and decide on what materials to use to create them.
4. Try to create different patterns using the same material.
5. Try creating one pattern with different materials.
6. You can also try to create new patterns of your own, and by using multiple materials.

### **Step 2:**

1. Once you all have tried, share the patterns you created with each other, you can share how you created them and what inspired you to choose the materials.
2. If you also want to know what inspired your partner a come up with a pattern, ask each other about it.



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