**Create a Tessellating Pattern**

**Materials:**

- square piece of card stock (approximately 3 inches by 3 inches)
- large sheet of white construction paper
- clear tape
- scissors, pencil and crayons

**Step 1:** Cut a notch or shape from the left-hand side of the square. Choose a unique shape for your notch.

example:

```
\[ \text{notch} \]
```

**Step 2:** Use clear tape to attach the notch to the right-hand side of the square. Be sure it is the same distance from the top and bottom as the notch on the left. Do not rotate or flip the notch.

example:

```
\[ \text{notch} \]
```

**Step 3:** Use your new shape as a pattern. Trace it many times, in a tessellating pattern on the white construction paper.

```
\[ \text{tessellating pattern} \]
```

**Step 4:** Use crayons to add a color pattern to your design.

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