

MATERIALS:

- Graph paper
- Crayons

Pass out a piece of 5 x 7 **graph paper** along with a red, yellow and blue **crayon** to each student. Have the students create a pattern by coloring in one square at a time with each of the three colors. Have the student follow their 3 color pattern until they reach the end of the third row. See if they notice any larger patterns they have created.

After the students have colored in three rows have them predict and color in the final row, while skipping the fourth row

? How were you able to predict what colors were in the fifth row without having any colors filled in on the fourth row?
Follow the diagonal color pattern.

? If this sheet had a sixth row, what would the colors be?

Have students color in the 4th row to check their predictions from above. Then ask for volunteers to show their work to the class.

