TRY THIS!

RANDOM ART

YOU'LL NEED:
a pencil or pen · a die · graph paper

Project #1: Crazy Checkerboard

- Start with the square in the upper left corner of the graph paper.
- Roll the die and follow the coloring rules.
- Move to the next square and roll the die again.
- Follow the coloring rules again. Repeat!

COLORING RULES:

1, 2, or 3 = color in the square

4, 5, or 6 = leave the square blank

(Or, use colored pencils and assign each number a different color.)

start here!

here next!

notice!

If you roll the die enough times, you'll see that you sometimes wind up with many squares of the same color in a row. When people try to fake a random pattern, they tend to avoid long runs like that. It's hard to fake true randomness!

Project #2: Wacky Walk

- Start in the middle of the graph paper.
- Roll the die and follow the drawing rules.
- Repeat!

DRAWING RULES:

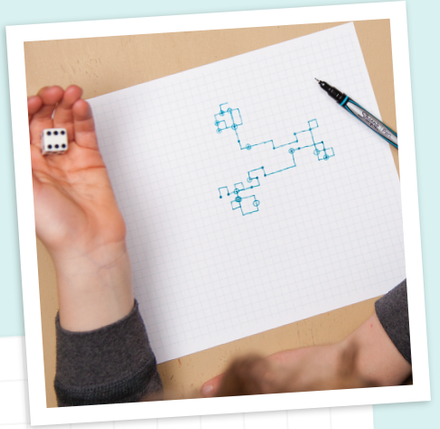
1 or 2 = go forward

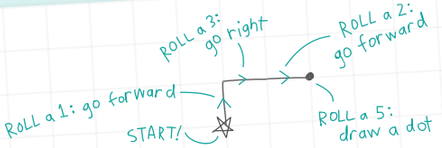
3 = go right

4 = go left

5 = draw a dot

6 = draw a circle





Start at the dot in the middle!