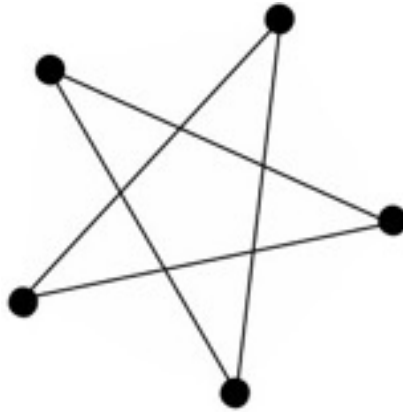# *Star Polygons*

The five-pointed star below was made by starting with 5 evenly spaced points and connecting every 2nd point. It's called a *star polygon* when you hit all the points you started with, once and only once, with one continuous path of straight line segments, with your pencil never leaving the paper.

Working with a partner, experiment with building star polygons or other shapes by connecting regularly spaced points, again in a continuous path, with your pencil never leaving the paper. You will have some worksheets to get you started.

What do you notice? What do you wonder?

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