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Mysterious Patterns: Finding Fractals in Nature

Make Your Own Fractal: A Sierpinski triangle

Steps for making a Sierpinski triangle:

1. Draw a triangle with equal sides (or use the one on this page).
2. Draw a dot in the exact middle of each of the sides. This is called the midpoint.
3. Connect the dots with straight lines. Now, your new shape breaks the original triangle into four smaller-sized triangles. (The one in the middle has a downward point.)
4. In each of the three triangles with an upward point, repeat steps 2 and 3.
5. You can keep repeating the steps until no more smaller-sized triangles will fit.

