Sierpinski Triangle Fractal

NM State Math Standards
K-4:
* Recognize, reproduce, describe, extend and create repeating patterns, and translate from one representation to another.
* Solve problems involving proportional relationships.
* Relate geometric ideas to numbers.
* Visualize, build and draw geometric objects.
* Identify and compare congruent and similar figures.
5-8:
* Identify, describe and continue patterns presented in a variety of formats.
* Describe and perform single and multiple transformations that include rotation, reflection, translation and dilation.

What is special about this pattern? Use the worksheet on the next page to draw a triangle like this one. Try coloring the triangle in interesting, symmetrical ways!

Photocopy this page, and cut out the triangle. You can assemble 3 of them into a larger version, or 9 or 27 into a really large fractal triangle. Or, you can build many other fun shapes with the triangles.