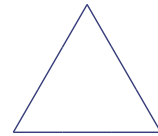


Make a Koch Snowflake!

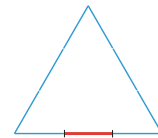
• Primary School December Activity •

The Koch (rhymes with "Coke") Snowflake is a special repeating pattern discovered by the Swedish mathematician Helge von Koch. You begin with a triangle, and by adding smaller and smaller triangles you end up with a beautiful snowflake. Follow the instructions below to make one!

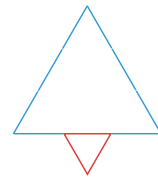
Step 1: Begin by connecting the dots labeled "1" on the attached template to make a large triangle with equal sides.



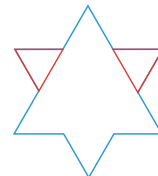
Step 2: Choose one side of the large triangle and find the dots labeled "2". The section between these dots will form the base of a smaller triangle.



Step 3: Use these guides along with the dot labeled "3" to draw a smaller triangle with equal sides connected to the base on the big triangle. (See diagram.)



Step 4: Repeat steps 2 and 3 on the other two sides of the large triangle.



Step 5: Using the same method as steps 2-3 (but without the numbered dots as guides) to draw more triangles on each side of the new shape you just created. (See the diagram to the right.) When you're done, rub out the pencil marks on the inside so it looks like the shape drawn below.

