**STEAM Lab: Koch Snowflake Fractal**

Let it Go song with words on YouTube

Fractals, the hidden dimension (15 min video) <http://youtu.be/xLgaoorsi9U>

Explore fractals using shiny Christmas ornaments: <http://www.evilmadscientist.com/2006/christmas-chaos/>

Snowflake Video: Discovery News <http://youtu.be/3GRZwtvRMSc>

How to draw a Koch Snowflake: <http://youtu.be/_71EaQrsruM> through 6:40

Don’t believe it’s infinite? Koch Snowflake Zoom: <http://youtu.be/PKbwrzkupaU>

Make a Koch Snowflake on triangular graph paper—colored pencils, graph paper—triangles and square, scissors, worksheet (mine)

Example of several iterations of Koch snowflake: <http://www.brotherstechnology.com/yale/koch/snowflake.pdf>

Different variations of the Koch snowflake fractal: <http://www.ms.uky.edu/~jack/2011-01-MA111/2011-04-22-Worksheet.pdf>

Koch Snowflake Fractal—make a paper snowflake cut out: <http://scienceblogs.com/chaoticutopia/2007/12/01/fractal-paper-snowflakes-fract/>

Play Christmas music

Cut your own snowflakes