



YOUIMAGINE

Infinite Puzzle - Koch Snowflakes

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Located at: <http://www.youmagine.com/designs/infinite-puzzle-koch-snowflakes>

Short description:

An infinitely expanding puzzle using Koch snowflakes.

Description:

As the wind gently blows, snowflakes dance in a strange and mesmerising motif. Like our life's journey, the curve moves ever onwards into a wondrous future. An endless puzzle combining an eye-catching tessellation with a space-filling curve. The curve must remain connected! Tiles come in two versions: a version with a blank surface and a version with a curve overlay. The curve is Mandelbrot's 'snowflake sweep', a self-avoiding curve that fills the snowflake, with some adjustments to make it 3d-printable as an overlay. Every curve has two endpoints allowing it to connect with other versions of itself. Alternatively, blank tiles can be used as a basis for different patterns instead of the curve, or to create free space within the curve pattern. Blank tiles are 5 mm high; the curve overlay starts at 5 mm and is 1 mm high and 1.2 mm wide. Tiles can be printed with a 0.6 mm nozzle.

If you can, please use the online documentation found at <http://www.youmagine.com/designs/infinite-puzzle-koch-snowflakes> because those may have been updated. Also, there you can interact and provide praise and/or feedback.