



Level 3 Special Project

Space-filling Curves



Prerequisite Concepts	Concept 12
Key Concepts	Concept 14

In this study, we use 1-bit red bricks to connect the board of “right way S” and “wrong way S” shapes that we created in the previous study. More specifically, if we consider an S-shaped artifact to be a curve having two endpoints, then our goal is to use a 1-bit brick to connect the endpoint of one S-shaped curve to the endpoint of its neighboring curve. Connecting all “right way S” and “wrong way S” curves to one another converts the board into a single curve, which we will call a *Wunderlich Type I curve*.

Before building this artifact it is recommended that you complete all Vitruvia exercises for Concept 14.

