



Level 3 Special Project

Space-filling Curves



Prerequisite Concepts	Concept 12
Key Concepts	Concept 14

In this study we will construct a checkerboard pattern using five “right way S shapes” and four “wrong way S shapes”. In this study, a “wrong way S shape” is created by rotating an S-shape a quarter turn (i.e., 90°). In the checkerboard pattern shapes occupying adjacent squares in the board differ by a quarter turn, and shapes are separated from their neighbors by 1 cell.

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

