

3D Modeling Project #18

FLOORING

Tiling and wood are **attractive and effective** materials for flooring. They also feature **fascinating geometry**.

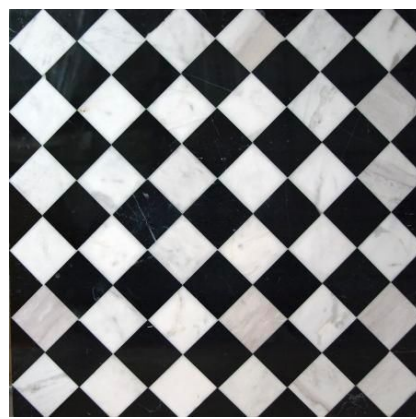
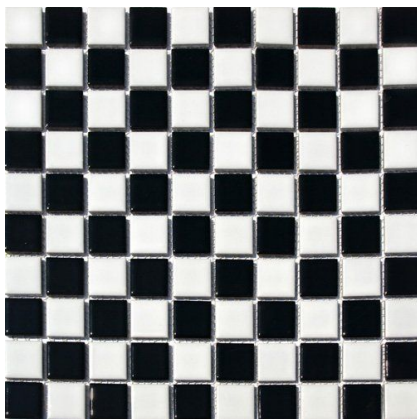
Before You Start

Go to the **Creative Suite**, open a new **PLaSM project**, and save it as **Project-18** in the folder **course-3D-projects/**.

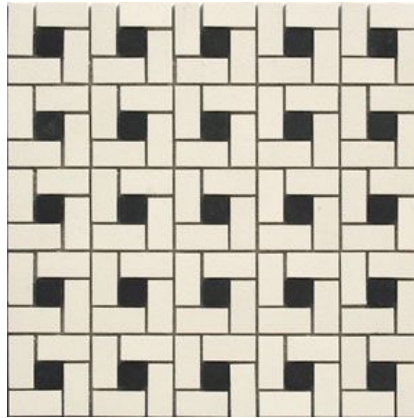
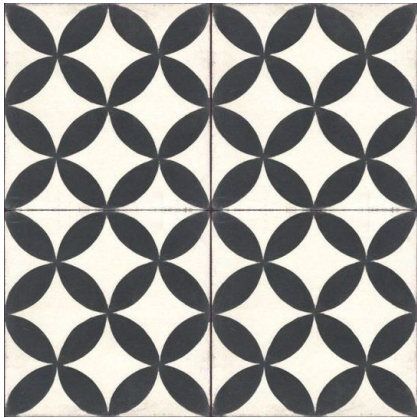
Project Goal

Imagine that you stand in a large empty square room. Your task is to **design the flooring** using tiles. The **shapes** and **colors** of the floor tiles are yours to choose. Below are some examples for your inspiration.

Square-Based Tiles

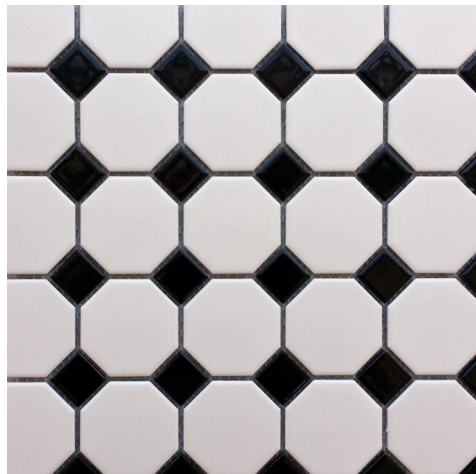


Circular and Rectangular Tiles



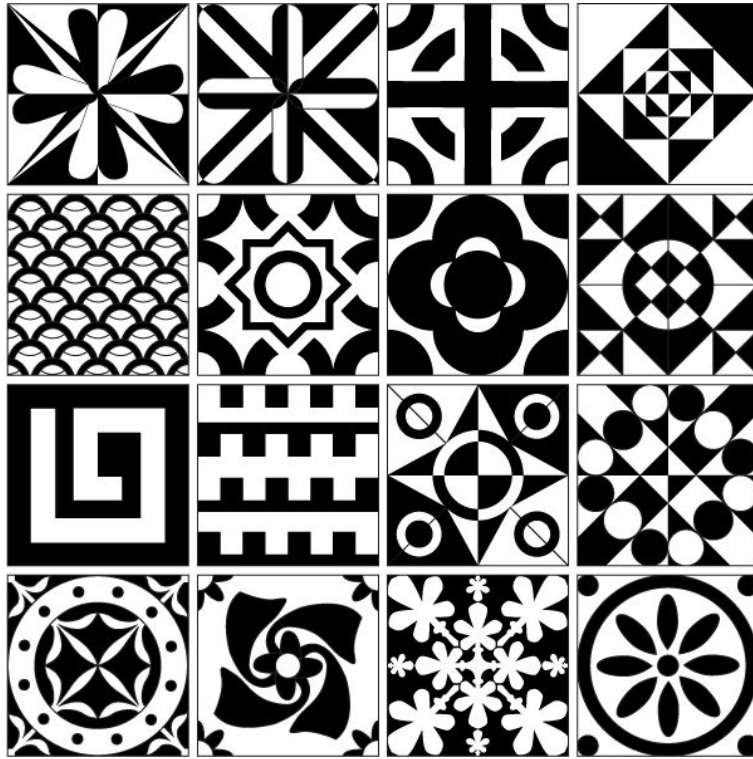
More Complex Tiles

The following patterns combine various shapes together - squares, hexagons and octagons. These shapes fit together well and with very **little clearance**.



Ornamental Tiles

The image below shows many **ornamental square tiles**:



Here is an example of more **modern tiling** that combines squares of different sizes:



Project Checklist

Your project will be finished when:

1. You have **finished** your 3D model of a repeating pattern suitable for flooring.
2. Your program is saved as **Project-18** in folder **course-3D-projects/**.