

Spring Geometry Project: Phase One

Design a 2D Blueprint

A blueprint demonstrates how the tiny house will be constructed. Once you have a vision for what your house will look like, break it down into 2D viewpoints to include on your blueprint. You will need a front view, back view, top view (floorplan), and at least one side view. (FYI, the front, side, and back views are commonly called 'elevations'). The number of side views you will need to include depends on the symmetry of your design.

Your blueprint is not an official blueprint in an architectural sense but it must be sufficiently detailed enough that someone can look at it and envision the building as a 3D object. Be sure that everything is drawn to a correct scale as accurately as possible and that everything included in your drawing is properly labeled.

Oversized graph paper will be provided so that your drawing will be more visible. You may wish to consider attaching your blueprint to a piece of poster board to make it easier to transport. The rubric for Phase I is included below.

(Examples of 2D views of tiny houses can be found at <http://www.tinyvictories.org/register>. Obviously, those are examples – yours should be your own work.)

Phase I: Blueprint	50	
Front, top, and sufficient side views are included	10	
Everything is drawn to a correct scale and the scale is included	16	
Drawing is carefully rendered with significant effort in accuracy and neatness	16	
Each view and component is clearly labeled	8	