

Geometry – Standard G.SRT.5 – Intro and Explore – 10 points

Scale models are drawing or figures that are similar to a much larger or much smaller object. For example, someone might put a scale factor of the Titanic in a museum to show a realistic model of the proportions.

Floor plans are a way that scale factors get used to show someone what a room looks like.

Here is an example:

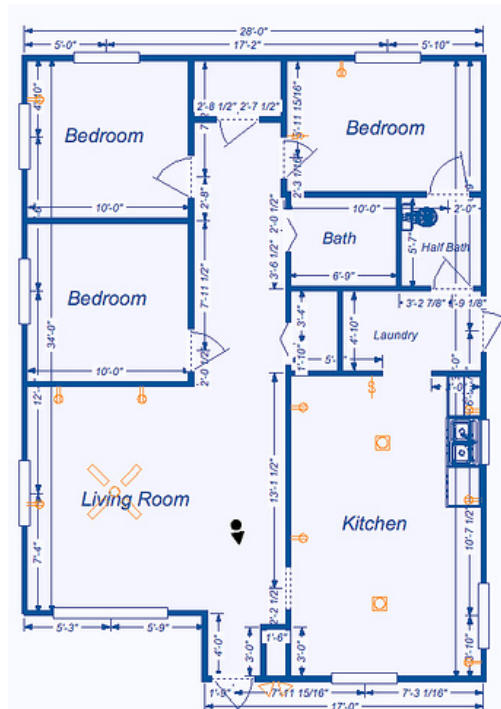


Photo credit: Flickr user "Kevinmarsh" Used under creative commons.

For this task, you will create a scale model floor plan of this classroom.

Who is your partner? (No teams bigger than 2)

What scale are you going to use? Write a paragraph explaining how you and your group made that decision.

Now, take a sheet of plain paper (white printer paper is the smallest possible, construction paper is the biggest possible) and complete your scale drawing floor plan of this classroom.