

7th Grade Bedroom Blueprint

You will apply ratios and proportions to help you make a scale drawing of your bedroom.

You want to rearrange your bedroom but your parents say no. You decide to convince them by making a scale drawing (blueprint) to show how your room will look after you have reorganized it. Use proportions to draw a scale drawing of your room and at least 5 items that you currently have in your bedroom.

For this project you will need to:

- 1. Measure the size of your bedroom (length and width to the nearest ft)**
- 2. Measure at least 5 items currently in your bedroom (length and width to the nearest ft)**
- 3. Pick an appropriate scale to draw your blueprint. Your drawing must fit on one sheet of paper.**
- 4. Make a blueprint of your bedroom, including 5 items, to scale. Your drawing must include:**
 - A scale**
 - Actual dimensions for every wall and object in your room**
 - 3 proportions that show the size of your room and items in your blueprint**

Keep your work neat and organized. Look at my sample blueprint on the back of this worksheet as an example or some real blueprints online to see how neat and organized they look.

