

## Design a Multi-Purpose Room

Name\_\_\_\_\_

Woodlawn is growing! Your task is to design a new multi-purpose building for the school (similar to the design of the lodge). Remember that this space is multi-purpose so *it will need to be able to serve the entire Woodlawn community*. Also, where on campus will your room be located?

### Room requirements:

1. Maximum of 1,000 square feet. Because of cost requirements you may not go over. Try to get close to 1,000 square feet as possible.
2. Serve at least two purposes (more would be better).
3. Includes a bathroom.
4. Includes a storage closet.
5. Furnished with at least 10 different furniture items.

Describe what type of Multi-purpose room will you be designing. What will it be used for and who will use it?

**Sketch** your room (does not have to be exact, this is the planning phase). Don't forget to include the bathroom, closet, and basic furnishings.

Calculate the area for your building to ensure that it meets the 1,000 sq. ft. requirement.

Approval\_\_\_\_\_

### Draw Your Room on graph paper:

Please be neat and draw clearly (use a straight-edge). You need to use floor plan symbols.

1. Use graph paper to draw your room. Use the scale  $\frac{1}{4}'' = 1$  foot. Draw lightly in case you have to erase!  
Building Dimensions \_\_\_\_\_
2. Add your bathroom. Bathroom Dimensions \_\_\_\_\_
3. Add measurements to the outside of your walls. Measurements look like this.  
|----- 10'-2'------|
4. Add windows and doors to your room on your drawing, include measurements.
5. Add thickness to your outside walls (darken with your pencil).
6. BEFORE you add furniture, write the actual and scale dimensions of your furniture. When you finish the chart, you may add your furniture to the drawing.

[illegible]