

Your House: Area Project

Objective: You will create a bird’s eye view replica (blue print) of one level of your house. This can be computer or hand drawn. This will be drawn on 8.5x11 piece of paper that is *mounted on either colored cardstock or construction paper*.

Requirements:

- One entire level of your house is drawn to scale (1ft = 1/2cm, etc...).
- The scale is labeled somewhere on the project.
- Each room’s measurements are labeled: length, width, and **area** and any other appropriate measures (you must measure these rooms yourself with a measuring tool such as a tape measure or yard stick- must be ACTUAL measurements).
- All rooms are appropriately labeled (i.e. bedroom, bathroom, kitchen, etc...).
- All doors are drawn.
- The **total area** is found and written/labeled somewhere on the project.
- **At least one room is non-rectangular.** That is it cannot be split up into rectangles. If in your house there is no such room, you may modify a room in order to fulfill this requirement.

Grade:

- The project fulfills all of the requirements listed above.
- All of the measurements (including area) are accurate.
- The overall project is of **high quality**. There are no pencil smudges or rips/folds in the paper.
- The overall project is **creative**. How the project is completed, drawn, labeled, etc... are all places where creativity can be applied. The overall design clearly illustrates a thoughtful design.

	Points
Mathematic Accuracy	
Area of each room and Total Area of level	_____/50
Scale	_____/10
Fulfill Basic Requirements	
All rooms are labeled with the appropriate measurements.	_____/5
All rooms are labeled (i.e. bedroom, kitchen, etc...)	_____/5
All doors are drawn	_____/5
Includes at least one non-rectangular room	_____/5
High Quality	_____/10
Creativity	_____/10
Total: _____/100	