

Custom Treehouse Project



Due date _____

CUSTOM TREE-HOUSE PROJECT

You are going to get the opportunity to apply your math knowledge by designing a tree-house that is just perfect for you. It will have some basic requirements, but your personality should come shining through with the modifications that you make (i.e. A mote around the base of the tree, a windmill for clean power, secret entrances, etc.). Now, as an architect designing this house, you must be very exact and neat. Read the requirements below.

REQUIREMENTS

You must include the following; however you may add other rooms or spaces if it fits within the 4,000 square feet that is required (no more and no less).

- *1 bathroom
- *1 kitchen
- *1 living area
- *1 bedroom
- *1 special activity room (such as a library, game room, observatory, etc.)
- *2 exterior doors where appropriate
- *interior doors for all rooms that need it (bathrooms, bedrooms, etc.)
- *3 specialty features (some features that make your home custom, such as a spiral staircase, a telescope platform on the roof, an escalator, etc.)

_____/10PTS

LABELS WITH ACCURATE DIMENSIONS AND AREA

Each space must have the following:

- *Each space is labeled (ex. Bedroom, greenhouse, etc.)
- *Dimensions (10 x 12, 6 x 7.5, 3.14 x 4 , etc.) Yes, you can certainly have a circular space
- *Area (120 sq. ft., 100 sq. ft.)

_____/10PTS

FLOOR PLAN AND EXTERIOR FRONT VIEW (including the tree that it is in)

_____/10PTS

NEATNESS – Your drawings are done with a ruler and show that you care

_____/10PTS

Custom Features List

Reflection Sheet

Explain the math that you used on this project

What custom feature do you like best?

Is there anything that you wish you had done differently?

What was your inspiration?

What was the hardest part?

What was the most interesting or fun part?
