

Tuesday, September 25, 2012

We're glad you're here! The explorers loved your trail mix recipes! We received a letter from them yesterday.

To help the explorers build their tree houses, we need some plans to send to the contractors. Before getting started on your written designs, use the color tiles to make a plan.

Here are a few things to think about as you build:

1. Your tree house **does not** need to be a **rectangle**.
2. It should include wood and floor hatches **AND** windows and doors on the edges.
3. **Your budget is \$650.00.**  
This includes all the basic supplies you purchase today **PLUS** additional costs for accouterments that you will add later. )

4. **The price of supplies:**

**Windows (Green tiles): \$15.36 each**

**Doors (blue tiles): \$23.87 each**

**Hatches (red tiles): \$41.74 each**

**Wood (yellow tiles): \$2.75 per piece**

\*Remember, there will be more interesting tree house features available for purchase. Budget wisely!

5. **Tree house size:** The trees can only sustain a treehouse with a 20 X 20 foot area or LESS.

Document your work carefully on a Math Vitamin sheet.

The contractors will need clear labels, calculations, and diagrams!

-What is the area and perimeter of your tree house design? -What is the cost of each supply?

-What is the total cost of your treehouse? (Don't forget your budget of \$650.00!)





