ImageSTEAM Lesson Plan

What's The Problem?
Finding Surface Area and Volume of Rectangular Prism.

Worksheet For TinkerCAD

Name:

Constructing our house.

1. First, write the dimensions of the house.
2. Write the dimension of the roof.
    - If you have a triangular face, make sure you document the height and base.
3. Show working including formulas.
4. How many faces in the house border.
5. How many faces on the roof? Making sure you identified if it's a rectangle or triangle.

House Base	
Length	
Height	
Width	
How many faces	
Surface Area of the base of the house	
House roof	
Length	
Height	
Width	
How many rectangular faces	
How many triangular faces	
Surface Area of the roof	

Surface Area of both the roof and the base	

How many one cubic unit blocks can fit in your house? The number of cubic units that fit inside tells you the volume.

Show working (Hint-Volume)
Answer questions with a complete sentence.