

Building a Safe House – rubric

Group Members:

- _____ **20 points** Design, which includes:
1. top-view drawing with actual dimensions
 2. side-view drawing with actual dimensions
 3. list and descriptions of the science principles used in the design of the house.
- _____ **20 points** Ability to withstand the wind
- _____ **20 points** Cooperation of the group members. From the design stage to the building stage to the hurricane testing stage, did all group members cooperate with each other and do their part to make the building a success?
- _____ **10 points** Effective use of materials. Did the students use as many materials as possible with no waste? Electronic balances can be use to measure this.
- _____ **10 points** Neatness of the house and the design
- _____ **5 bonus points** For any group whose house withstands a Category 5 hurricane
- _____ **Career bonus points** from worksheet
- _____ **Subtotal**
- _____ **Points deducted** from gaining extra materials
- _____ **Total**