



## ELEMENTARY STUDENT SUBMISSION BOOKLET

---

NAME OF MODEL HOME

TOTAL AREA

GROUP NAME: \_\_\_\_\_

GRADE: \_\_\_\_\_

Member 1: \_\_\_\_\_

Member 2: \_\_\_\_\_

Teacher's Name: \_\_\_\_\_

School: \_\_\_\_\_

**Draw a sketch of the front elevation of your design on this page**



# AMAZING BUILDING CHALLENGE



## DRAWINGS & DESIGN CONCEPT

Attach on 8.5'x11' paper scaled drawings including.....

- Description / Drawing of Site Plan
- 2 scaled drawings, one of each floor (1<sup>st</sup> & 2<sup>nd</sup>)
  - Rooms identified/named
  - Interior measurements shown
  - Doors shown with swing and no conflicts
- Front Elevation should have been shown on first page of this booklet

### DRAWINGS & DESIGN CONCEPT QUESTIONS:

TOTAL AREA OF THE HOUSE: \_\_\_\_\_

FLOOR AREA OF ONE ROOM:

Room name: \_\_\_\_\_

Area: \_\_\_\_\_

WALL AREA OF ONE ROOM:

Room name: \_\_\_\_\_

Area: \_\_\_\_\_

# AMAZING BUILDING CHALLENGE



## **ENVIRONMENTAL CONSIDERATIONS**

How did you design and build your house to be environmentally sound and energy efficient?

**What are renewable resources and how does the design and construction of your house promote them?**

**How does your house incorporate energy efficiency features? (e.g. EnergyStar appliances, programmable thermostats, R values of insulation etc.)**

**What kinds of environmentally friendly materials would you recommend a builder use if they were actually going to build your house?**

**What recycled materials did you use to build your model?**