

Dream House Scale Models

Your drawings have been approved by the Building Commissions of the US and Canada – now the construction phase begins!

Using the cardboard, masking tape, and Elmer's Glue provided, construct a 1/20 scale model of your Dream House, according to your plans, corrected as necessary. Build the model in three parts: the first floor, the second floor, and the roof such that they can be stacked on top of each other to form the full house, but that each can be removed to inspect the interior layout of each floor. See the sample Cape House for an example.

Your models will be evaluated on:

- 40% Accuracy to scale
- 40% Completeness
 - 10% Exterior walls (including roof peaks for Looking Glass)
 - 10% Exterior window and door openings
 - 15% Interior walls and wall openings
 - 5% Porches, decks
- 20% Soundness & Professionalism – would it help sell the house design?
 - right angles wall to floor, wall to wall
 - clean, attractive joints and crisp corners
 - straight walls (no bulges or curves)
 - level wall heights for stacking
 - 1st/2nd floor match
 - firm joints (no sway or bending)
 - efficient use of materials – number of cardboard sheets
- +20% Extra features:
 - swinging doors and windows, porch and deck stairs and posts, interior stairs, roof peaks on walls, roof, dormers, counters and cabinets, appliances and fixtures, furniture, realistic decoration, etc.

Yes, that adds up to 120%, or the equivalent of a Level 1 A even without the Foundation assignment.

Schedule

Models are due at **3 PM on Thursday, November 7**. No Model materials may be taken out of the Project Lab.

Teams are responsible for ensuring that if one person is absent, the other team members can continue to work effectively in class. You'd better trade phone numbers!

The project is designed to be completed in the eight class periods provided with focused effort by all team members, with preparation, planning, and paperwork done as homework. However, the Lab will be open after school every day except Wednesdays until 3PM.

THERE WILL BE NO EXTENSIONS. There will be a 20% deduction in this portion of the project score for each school day or part of school day delay in delivery. If you are absent for any reason, you must use your after school time immediately upon your return to make up for lost class blocks. In no case will more than eight blocks per person be provided. There are seven hours after school on the calendar – use them!