

# House Design Project

## Practical and Applied Arts

### INTRODUCTION:

Home construction and design represents a significant part of Canada's economic activity. This project will introduce students to a variety of aspects involved in this important industry.

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### REQUIREMENTS:

Students will complete the following:

- Design and plan a house
  - Construct a 3D model of the house
  - PAA 8: Provide details concerning the theme that you used
  - PAA 9: Provide details concerning the home's energy efficiency
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### SPECIFICS:

House Design:

- Plan must be 1:24 scale
- Must include kitchen, living, bedroom(s), and washroom(s)
- Dimensions included

3D Model:

- Walls (roof optional)
- ~50% furnished
- Exterior finishing (interior optional)

PAA 8 Details:

- A theme must be evident throughout (ex. craftsman, rustic, modern, hockey, horses, etc.)

PAA 9 Details:

- Must detail energy efficient innovations through the home (ex. R value, solar panels, etc.)
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### RUBRIC:

#### PAA 8

##### 4 Mastery

- Accurate dimensions
- Walls and roof completed
- Roof and/or interior completed
- Description is neat and thorough

##### 3 Meeting

- Accurate dimensions
- Walls and exterior completed
- Description is thorough

##### 2 Approaching

- Walls completed
- Description is completed

#### PAA 9

##### 4 Mastery

- Accurate dimensions
- Walls and roof completed
- Roof and/or interior completed
- ~50% furnished
- Description is neat and thorough

##### 3 Meeting

- Accurate dimensions
- Walls and exterior completed
- ~25% furnished
- Description is thorough

##### 2 Approaching

- Walls completed
- Description is completed

