

Playhouse Project Scenario

Essential Question (EQ): How might we design an extreme playhouse for a specific client?

You are an architect looking to build playhouses for sale to local schools or residents. You are asked to develop an extreme playhouse concept that helps kids explore their imaginations. You are tasked with developing a concept and theme for your playhouse and building a scale model of your design.

The base footprint for your playhouse needs to be 6' x 8'. This does not include additions such as slides or other attributes that may attach to the house. The walls of your house need to be 5' high. Your model will be built using the scale of 1 foot = 1 inch (1' = 1"). Your playhouse needs to incorporate a door and a window, and your model will demonstrate the proper placement of studs and other structural elements. Your model should include various elements that showcase your chosen playhouse theme. Finally, you will develop an accompanying design poster detailing important features of your playhouse.

You will also develop an interior design board. This is a poster presentation that lays out the proposed floor plan, elevations, color choices, potential furniture, and other items that make up the interior design of a space. You will present your model and interior design board to a local elementary school or another panel of children to elicit their feedback.

Deliverables include:

- Scaled drawing with important dimensions of your playhouse design
- Scale model of your playhouse
- Interior design board poster
- Professional notebook