

Architect's Assistant*

I, John Soane, legendary British Architect, challenge you to build a model house made out of materials you can find at home. Then you can test the strength of your model to see which materials work best!

* An Architect is a person who designs buildings and prepares plans to give to a builder

Materials Needed

Paper
Scissors
Glue or tape
Recycling such as empty cereal boxes, egg cartons, plastic packaging
Lego
Playdough
Other things you can find: sticks, grass, ribbons, coloured paper, toothpicks, etc (with adult permission of course!)

To Test Your Houses

A hairdryer, watering can or spray bottle, rocks, your feet, any other force you can think of (pretend you are the Big Bad Wolf in The Three Little Pigs)

Top Tip

Each person in your household could make a house and you can compete against each other for the best design!

PITZHANGER

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What To Do

1. Build as many small houses as you can out of the different materials you find.
2. Test them against wind (use the hairdryer) and rain (use a watering can or spray bottle), an avalanche (drop rocks and soil on your houses)!
3. Are your houses strong?
4. What material lasts the best?
5. How could you improve the design of your house to withstand wind, rain and other forces?