

Year 2
Medium Term Plan
Design and Technology (Bridge structures)
Autumn



Knowledge

Start to understand what design criteria is used for.
Evaluate what they did well on their products.
Use design criteria to help guide the making and evaluation process.

Curriculum

Explore and evaluate a range of existing products.
Design purposeful, functional and appealing products based on design criteria.
Generate, develop, model and communicate their ideas through talking, drawing, templates and mock-ups.
Evaluate their ideas against design criteria.

Skills

Explore an existing product
Draw a simple design
Make a bridge with a strong structure.

Vocabulary

Structure, bridge, material, product, evaluate, design, criteria

Learning objectives

- 1) To make a structure stronger.
- 2) To design a house
- 3) To make a house
- 4) To make a house.
- 5) To evaluate my house

Questions

How can you make the structure stronger?
What materials would you use for your house?
What worked well?
What could you make better?