

Year 1
Medium Term Plan
Design and Technology (Transport structures)
Autumn

Knowledge

Describe the design they have drawn.
Understand what does and doesn't work with their product.
Search for improvements.

Curriculum

Explore and evaluate a range of existing products.
Select from and use a range of materials.
Design purposeful and functional product.
Explore their ideas against design criteria and evaluate it.
Explore how structures can be made stronger.



Skills

Build a structure with support.
Draw a simple design.
Draw a design for a structure.
Test their own product.

Vocabulary

Explore, evaluate, product, purposeful, functional, design, tools, testing, transport, vehicle, materials, evaluate, structure

Learning objectives

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

Questions

How can you make your structure stronger?
What is good about it?
Can you describe what you are doing to make it better?