

KS1 DT Knowledge Organiser

Term 6

National Curriculum Objectives:

- Design appealing products that have a clear purpose and function
- Generate, develop, model and communicate their ideas through talking, drawing, templates and mock-ups
- Make products, refining the design
- Select from and use a wide range of materials
- Use software to design
- Explore and evaluate a range of existing products and their ideas against design criteria
- Build structures stronger, stiffer and more stable



Key vocabulary

Word	Meaning
Bridge	A structure joining two areas.
Design	A plan or drawing.
Structure	An object with several parts.
Strong	Having power to move heavy objects.
Stable	An object that can hold some weight.

Sticky Knowledge

Brunel designed bridges.

Bridges join two areas together.

By changing the material you can make something stronger and more stable.

Bridges should be made of a stable, solid material.

A structure can be joined in many ways - glue, cement, tape, staple, string, nail, screw, pin. Cement is the strongest way of joining hard structures but for real life bridges steel poles are used to reinforce them.