

KS1 Poles Apart DT Knowledge Organiser

Term 3

National Curriculum Objectives:

- Design appealing and functional products using drawing and discussions.
- use a range of tools and equipment to perform practical tasks.
- select from and use a wide range of materials and components, including construction materials according to their characteristics
- evaluate their ideas and products against design criteria
- build structures, exploring how they can be made stronger, stiffer and more stable



Key vocabulary

Word	Meaning
Sledge	An object used for travelling over snow.
Joining	To come, fasten or bring together.
Glue	A substance used to stick two things together.
Masking tape	A paper tape with one sticky side used to join things together.
Stable	Not easily moved, it is strong.

Sticky Knowledge / Golden Thread (hierarchy):

A sledge is a mode of transport used in the snow.

Sledges are usually made out of wood and are very stable and strong.

You can join things together using glue and masking tape.

Structures can be made stronger, stiffer and more stable by changing the materials used to build it.