



Shadsworth Junior School Knowledge Organiser



Year Group: 6	Term: Spring 1	Subject: DT	Topic: Structures- Designing a playground
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Key Vocabulary

Apparatus	Equipment designed for recreation and play, such as seesaws and swings.
Bench Hook	A tool which hooks onto the edge of the workbench. It used to hold woodwork still when sawing.
Coping saw	A saw with a narrow D-shaped metal blade, used for cutting curves in wood.
Dowel	Wood in the shape of a cylinder. Dowels come in all different sizes and thicknesses.
Jelutong	A type of soft wood, it is lightweight, easy to cut and shape.
Mark out	To measure and mark where a piece of material needs to be cut or shaped.
Modify	To change something to improve or fix it.
Natural materials	Materials which come from nature e.g. wood comes from trees.
Plan View	A two-dimensional diagram used to describe a place or object from above with annotations and other details such as measurements.
Playground	An outdoor area for children to play in. They usually have different apparatus to play on such as climbing frames and slides.
Prototype	A simple model that lets you test out your idea and how it will look and work.
Reinforce	To make a structure or material stronger, especially by adding another material or element to it.
Structure	Something which stands, usually on its own.
Tenon Saw	A saw with a flat blade, used for cutting wood in straight lines or angles.
User	A person that uses something
Vice	A piece of equipment used to hold an object still while you work on it.

Useful Information, Pictures and Diagrams



There are many types of **apparatus** in a **playground**, such as slides, swings, monkey bars, tunnels, see-saws and treehouses. Which do you like?



Remember to fix or hold your wood securely on the **bench hook** or **vice** when sawing, and keep your fingers out of the way of the blade.

Did you know?

The first children's playground was built in 1859 in a park in Manchester, Great Britain.

