

Year: 6
Term: Summer 2
Topic: Structures - Playgrounds



St Dennis Primary Academy

"Everyone matters, everyone succeeds, every moment counts"



Where does this learning link to aspirations for the future?

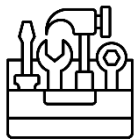
Most towns and villages, schools and other community spaces have playgrounds. There are large companies that design, make and install these as well as people responsible for their health and safety requirements.

In DT we follow this five step process.

Research



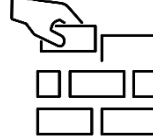
Skills



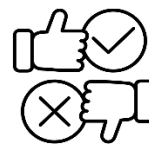
Design



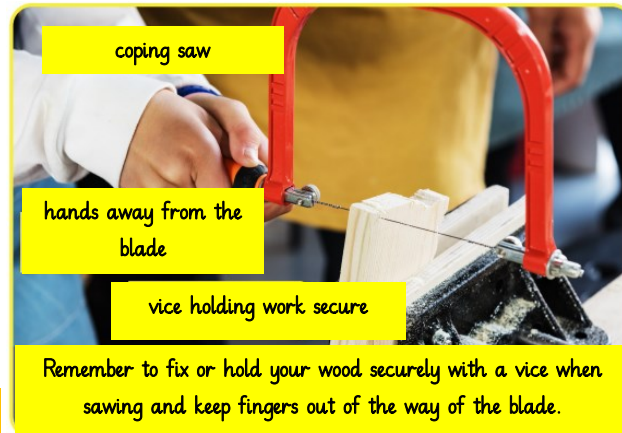
Make



Evaluate



There are many types of apparatus in a playground, such as slides, swings, monkey bars, tunnels, see-saws and treehouses.



Did you know?

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



Glossary

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's used to hold woodwork still when sawing.

coping saw

A saw with a narrow D-shaped metal blade, used for cutting curves in woods.

dowel

Wood in the shape of a cylinder. Dowels come in all different sizes and thicknesses.

jelutong

A type of softwood. 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.

plan view

A two-dimensional diagram used to describe a place or object from above with annotations and other details such as measurements.

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 a straight line or angles.

user

A person that uses something.

vice

A piece of equipment used to hold an object still while you work on it.