

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

Where does this learning link to aspirations for the future?

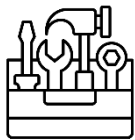
Most towns and villages, schools and other community spaces have playgrounds. There are large companies that design, make and install these as well as people responsible for their health and safety requirements.

In DT we follow this five step process.

Research



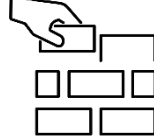
Skills



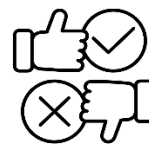
Design



Make



Evaluate



Did you know?

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



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.