



Design and Technology Topic: Design, make and evaluate a building.

Year: 2 Term: Summer 1

Key Knowledge/Content:

- To name materials and their properties.
- To understand that architecture is a person who designs buildings.
- To understand there are different joining techniques.
- To know each building has a target group and audience.

Links to:

Prior learning:

The children created a finger puppet. The children practised the simple running stitch and were taught simple techniques.

Future learning:

The children will be designing, making and evaluating a swing for the local area.

Key vocabulary with definition:

Prior vocabulary:

- Choose – To pick out (someone or something) as being the best or most appropriate.
- Fabric - Cloth or other material produced by weaving or knitting fibres.
- Stitching - A row of stitches sewn on to cloth.
- Running stitch- A simple needlework stitch consisting of a line of small, even stitches which run back and forth through the cloth without overlapping.

New vocabulary:

- Identify – Establish or indicate who or what (someone or something) is.
- Structures – A building or other object constructed from several parts.
- Quality – The standard of something as measured against other things of a similar kind.
- Strengths – The quality or state of being physically strong.
- Weakness – The state or quality of being weak.

By the end of this unit

All children can: **recognise** and **name** a range of materials, **design** a building, and **join** a range of materials.

Most children can: **demonstrate** how to use tools, **annotate** a design and **make** a product to a high-quality finish.

Some children can: **demonstrate** and **explain** how their product is similar and different and **explain** who their audience is and why.

Background understanding for teachers and parents:

The children will be focusing on architecture. The children are then going to design, make and evaluate their building. The children will focus on strong and weak materials, focusing on different joining techniques. The children will be comparing their products to others.

Curriculum Driver (one):

Communication

Evidence outcome:

The children are going to be discussing their designs, materials and tools, comparing their work to an architecture.