



**Design and Technology Topic:** To design and create a garden structure.

**Year: 6 Term:** Summer 2

## Key Knowledge/Content:

- To confidently select appropriate tools, materials, components and techniques and use them
- To assemble components to make working models and aim to make and achieve a quality product.
- To demonstrate when make modifications as they go along and construct products using permanent joining techniques.
- To know how to research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose.

## Links to:

### Prior learning:

The children researched, design, made and evaluated a musical instrument. The children thought carefully about their criteria and their target audience.

### New learning:

Children will learn how to join materials together using more complex methods and machines.

## Key vocabulary with definition:

### Prior vocabulary:

- Functional – Functional art refers to aesthetic objects that serve utilitarian purposes.
- Audience – An individual's or group's viewing, hearing, reading, and/or listening of an artistic product or products.

### New vocabulary:

- Aesthetic - Aesthetics refers to the way a product looks and feels.
- Specification - A detailed description of how something should be done or made.
- Assignment - An assignment is a task or piece of work that you are given to do,
- Innovative – A product or idea using new methods.

## By the end of this unit

**All children can:** confidently **select** appropriate tools, materials, components and techniques and **use** them safely and accurately.

**Most children can:** **demonstrate** how to construct products using permanent joining techniques and **evaluate** their work both during and at the end of the assignment.

**Some children can:** **explain** when evaluating against their original criteria and **suggest** ways that their product could be improved.

## Background understanding for teachers and parents:

The children are going to research, design, made and evaluate a garden structure. They will be making a product with a specification. The children need to find ways to test their product to ensure its successful.

## Curriculum Driver (one):

Communication

### Evidence outcome:

The children will be explaining their own work and comparing to others using key vocabulary.