



## Year R Design and Technology Teaching Sequence

### Autumn A - All about me

- Mechanism (slides)
- slides

During this half term we learning about slides and how they can be used to move items including ourseleves. We will explore this through play by moving items in outdoor learning area.

### Autumn B - Into the Woods

- Materials and structures
- Diva lamps

In this half term we learn about materials and structures. We explore different materials including clay and use this to design and make diva lamps

### Spring A - Once upon a story

- Materials and structures
- Building a bridge

In this half term we build on knowledge from last term and explore more about structures and materials. We design and build a bridge for the 3 Billy Goat Gruff to cross.

### Spring B - Let It Grow

- Food and Nutrition  
fruit kebab

This half term we will learn about how to keep our bodies healthy with food. We will choose fruit and use simple cutting tools to make the kebabs. This will build on our prior knowledge in Spring A on healthy me.

### Summer A - Superheroes

#### Textiles

- Superhero cape

This half term we start to explore textiles. We will look at different textiles and simple techniques to make super hero capes for our teddies.

### Summer B -

- Assessment
- Enhancement

This half term we will take opportunities to ensure knowledge and skills gained are embedded through retrieval. Enhancement opportunities will be sought through books and applying DT principles across the curriculum.



### Year 1 Design and Technology Teaching Sequence

#### Autumn A - Who is who:

- Assessment
- Enhancement

This half term we will take opportunities to ensure knowledge and skills gained are embedded through retrieval. Enhancement opportunities will be sought through books and applying DT principles across the curriculum.

#### Autumn B - This is me: Who are we?

- Materials and structures
- Picture frames

In this half term we learn about materials and structures. We will design, make and evaluated our picture frames beginning to understand the technical knowledge of tools and techniques. We will build on knowledge gained in EYFS.

#### Spring A - Long, long ago - Fairy tales

- Mechanism (levers)
- Moving picture story

In this half term we learn about mechanism of levers. We will design, make and evaluate moving pictures. This will build on the knowledge about moving items in EYFS and also the knowledge we gained during our materials topics.

#### Spring B - Long, long ago: Back in time.

- Recall and retrieval
- Enhancement

This half term we will ensure knowledge and skills are embedded through retrieval. Enhancement opportunities will be through books and applying DT principles across the curriculum e.g. Maths and Computing.

#### Summer A - Our amazing planet: Save our planet

- Food and nutrition
- Pizza making

During this half term we learn about food and nutrition. We will build on technical skills developed in EYFS and in the materials topic such as using tools for cutting.

#### Summer B - Our amazing planet: Eco-Warriors

- Textiles
- Eco-friendly fashion show

We conclude year one by building knowledge from EYFS and extending our skills of simple sewing to make eco-friendly clothes for our fashion show.



## Year 2 Design and Technology Teaching Sequence

Autumn A – Jumping back in time:  
Dinosaurs

- Assessment
- Enhancement

This half term we will take opportunities to ensure knowledge and skills gained are embedded through retrieval. Enhancement opportunities will be sought through books and applying DT across the curriculum.

Autumn B – Jumping back in time:  
Space

- Mechanism (wheels and axles)
- Make a Mars Rover

Building upon our learning in year one on moving with a lever, we will learn about the mechanism of wheels and axles and how we can design and make a vehicle using this mechanism.

Spring A – Mixed up Tales

- Materials and Structures
- Build a bridge

This term we will use the knowledge we gained in year one and knowledge we have gained in our science work. This will help us learn about how to design and build a structure with the most appropriate material.

Spring B – Set sails

- Recall and retrieval
- Enhancement

This half term we will ensure knowledge and skills are embedded through retrieval. Enhancement opportunities will be through books and applying DT principles across the curriculum e.g. Maths and Computing.

Summer A – Circle of Life

- Food and Nutrition
- Grow and make food.

This term will look at where our food comes from. We build on the knowledge gained in previous years by making choices about healthy food we can make. We will make the food and use appropriate tools.

Summer B – Circus is coming to town

- Textiles
- Circus bunting

We will design and sew circus bunting. We will build on simple sewing skills from year one to introduce more complex stitching. We display our bunting at our end of term celebration.