

Year A Medium Term Plan EYFS and KS1 – Design and Technology

Autumn Term 1 –

Autumn Term 2 –

KS1

**Harvest Festival: Hunting and gathering
Fruit muffins / Fruit scones / Nettle soup**

Cooking

EYFS

Use the basic principles of a healthy and varied diet to prepare simple dishes.

Begin to question and wonder about where food comes from.

KS1

- With help, use knives safely
- Use a mixing bowl
- Be aware of hygiene for cooking
- Know some things are made and some things are natural
- Know some things are dangerous to eat raw
- Know heat changes food
- Use a variety of utensils safely
- Know what the food groups are
- Know where some foods come from
- Be aware there are different ways to cook

Prepare a healthy snack

Evaluating

EYFS

Be excited about what they have made.

KS1

- Say what a product is for
- Describe a product
- Talk about their own work (features, design, opinion)
- Give reasons for some features (colour choice, material used, joining technique)
- Talk about own and others' work (features, design, opinion)
Explain why they chose certain materials, techniques and tools

KS1

Textiles -puppet

Textiles

EYFS

Explore different fabrics

Use and explore fabrics and how they can be joined together

KS1

- Know that textiles have different properties: touch, insulation, texture and waterproof. I select the appropriate textile so that it does the job I want it to.
- Describe textiles by the way they feel.
- Alter a textile to make it stronger.
- Make a product from textiles.
- Measure, mark out and cut fabric.
- Join fabrics using glue and running stitch.
Make sure my work is neat and tidy.

Making

EYFS

Use a variety of tools and materials to make models.

KS1

- Know what materials can be used for my structure
- Know what a join is and can use one
- Measure and mark out materials with care and increasing accuracy
- Cut material safely (scissors, junior hacksaw)
- Be careful to make work look as neat as possible
- Find out how to make materials for structure stronger (folding, rolling and joining, columns and triangles)

Spring Term 1 –

Spring Term 2 –

KS1

Easter floats

Mechanics and Electrics

EYFS

Build and construct models setting their own challenges eg tallest strongest longest

Explore mechanical toys

KS1

- Explore how moving objects work.
- Look at wheels, axels, turning mechanisms, hinges and simple levers.

Make a product that moves using a turning mechanism (e.g. wheels, winding) or a lever or a hinge (to make a movement)

Knowledge and designers

EYFS

Talk together about designs and designers

Role play as designers

KS1

- Know what a designer does
- Know the names and the products of some British designers (ensuring diverse representation)

Say what they like and dislike about the product and the designer

Design

EYFS

Talk about what they want to make

KS1

- Think of ideas and with help can put them into practice
- Know what a design is and its purpose

Use pictures and words to describe what to do (materials, techniques, features-mechanics etc. and tools)

Summer Term 1 –

Summer Term 2 –

KS1

Bread

EYFS Nutrition bread

Cooking

EYFS

Use the basic principles of a healthy and varied diet to prepare simple dishes.

Begin to question and wonder about where food comes from.

KS1

- Use a mixing bowl
- Be aware of hygiene for cooking
- Know heat changes food
- Use a variety of utensils safely
- Know what the food groups are
- Know where some foods come from
- Be aware there are different ways to cook

Design

EYFS

Talk about what they want to make

KS1

- Think of ideas and with help can put them into practice
- Know what a design is and its purpose
- Use pictures and words to describe what they want to do (materials and tools)

Evaluating

EYFS

Be excited about what they have made

- Know what a product is
- Describe how their product works

Know the features of familiar products

