

Design and Technology progression through EYFS

EAD: Creating with Materials & Being Imaginative and Expressive

Focus	Designing	Making	Evaluating	Technical Skills	Food Technology	Vocabulary- To be used daily.
Reception Skills	<ul style="list-style-type: none"> Develop own ideas through experimentation with diverse materials to express & communicate their discoveries & understanding. Create collaboratively sharing ideas, resources & skills. 	<ul style="list-style-type: none"> Use increasing knowledge & understanding of tools & materials to explore their interests & enquiries & develop their thinking. Create representations both imaginary & real-life ideas, events, people & objects. 	<ul style="list-style-type: none"> Express & communicates working theories, feelings & understandings. Responds imaginatively to art works & objects. Return to & build on previous learning, refining ideas & developing their ability to represent them. Discuss problems & how they might be solved. 	<ul style="list-style-type: none"> Use different techniques for joining materials. <p>Use tools independently, with care & precision.</p>	<ul style="list-style-type: none"> Look closely at similarities, differences, patterns & change. Know & talk about the different factors that support their overall health & well-being. 	Cutting, measure, folding, joining, gluing, tearing, decorate, printing, tools, strong, shape, materials, textiles, wheels, equipment, like, dislike, improve, better, cutting, plants, animals, farming, foods.
Reception Knowledge	Autumn 1 All About Me	Autumn 2 Changes	Spring 1 Animals Who Live in Cold and Warm Places	Spring 2 Growing	Summer 1 Lifecycles/Mini-Beasts	Summer 2 Journeys
	<ul style="list-style-type: none"> Can work together to make structures e.g. building a house/home/school. Can use colour and materials to express how they are feeling through own creations using a variety of textures. 	<ul style="list-style-type: none"> To use a range of materials and split pins to connect and join materials to make a moving puppet. 	<ul style="list-style-type: none"> Can create own representations in relation to animals and sea; explain how they work and what they have used and why. Can use an increasing range of small construction such as mobilo, Lego, stickle bricks and octagons to make representations including some moving parts. 	<ul style="list-style-type: none"> 'From food to fork'. Understand where food comes from and experience growing their own vegetables, harvesting, preparing, and eating. Create fruit kebabs and fruit salad. 	<ul style="list-style-type: none"> Can draw designs for the things that they build and label each element. Can verbally evaluate their work and explain what is good and one thing that could make it better. 	<p>Can use different materials to design and make their own modes of transport.</p> <ul style="list-style-type: none"> Can use an increasing range of tools such as; building tools and gardening tools with accuracy.
Food		Mechanisms			Structures	

N.B - These are our overarching themes that have been mapped to national curriculum subjects in KS1. The knowledge content is identified in the intent subject documents.

KS1 DT Overview

Year	Autumn	Spring	Summer
1	Autumn 2 Mechanisms—Sliders and levers	<u>Spring 2</u> Food—sandwiches Mini Food—overnight oats	<u>Summer 1</u> Free standing structures
2	Autumn 2 Mechanisms—wheels and axles	<u>Spring 2</u> Textiles - templates and joining techniques	<u>Summer 1</u> Food—soup Mini Food—berry banana split

KS2 DT Overview

Year	Autumn	Spring	Summer
3	Autumn 2 Mechanical Systems—levers and linkages	<u>Spring 2</u> Textiles—2D shapes to a 3D product	<u>Summer 1</u> Cooking and nutrition—stew Mini Food—hot sandwich
4	Autumn 2 Structures	<u>Spring 2</u> Electrical systems	<u>Summer 1</u> Hydraulics and Pneumatics Mini Food—fruit pie
5	Autumn 2 Mechanical systems—pulleys and gears	<u>Spring 2</u> Textiles –combining different fabric shapes	<u>Summer 1</u> Food—celebrating culture and seasonality Mini Food—fruit taquito
6	Autumn 2 Electrical systems—more complex switches and circuits	<u>Spring 2</u> CAMS—toy	<u>Summer 1</u> Framed structures Mini Food—locro