

Design and Technology	Design	Make	Evaluate	Technical knowledge	Cooking
Early Years	<p><u>Communication and Language</u> Pupils will be taught to:</p> <p>Listen attentively in a range of situations and respond with relevant comments, questions or actions. Follow instructions and develop the skills to ask 'how' and 'why' questions. Express themselves effectively and develop their own narratives and explanations.</p>	<p><u>Physical Development</u> Pupils will be taught to:</p> <p>Handle equipment and tools effectively, including pencils for writing.</p> <p><u>Expressive Arts and Design</u> Pupils will be taught to:</p> <p>Safely use and explore materials, tools and techniques. Experiment with colour, design, texture, form and function. Represent their own ideas, thoughts and feelings through design and technology, art, music, dance, role play and stories.</p>	<p><u>Personal, social and emotional development</u> Pupils will be taught to:</p> <p>Build their confidence enabling them to speak in a familiar group about their ideas.</p> <p><u>Communication and Language</u> Pupils will be taught to:</p> <p>Follow instructions and develop the skills to ask 'how' and 'why' questions.</p>	<p><u>Physical Development</u> Pupils will be taught to:</p> <p>Develop their control and coordination in large and small movements.</p> <p><u>Expressive Arts and Design</u> Pupils will be taught to:</p> <p>Safely use and explore materials, tools and techniques.</p>	<p><u>Physical Development</u> Pupils will be taught to:</p> <p>Talk about the importance for good health and exercise, and a healthy diet.</p>

Year 1	The children will design a space ship, moving picture, pirate boat and a telescope. The children will learn how to develop an idea through talking, drawing and using information and communication technology to research how to make a space ship, moving picture and a telescope.	The children will learn how to use tools and equipment such as scissors, a saw, PVA glue, tape, paper fasteners, staplers, and paint and collage to finish a product. The children will learn how to use different making materials, such as junk modelling, felt, card, art straws and healthier alternatives when cooking snack related foods.	The children will learn how to explore and evaluate a range of pop up books and a real telescope and binoculars. The children will learn how to evaluate their ideas and their spaceship, moving picture and pirate ship against design criteria.	The children will build a space ship and a pirate ship and they will explore how they can be made stronger, stiffer and more stable. The children will explore and use the mechanism, slider, for a moving picture and the mechanism, lever, for another moving picture.	The children will use the basic principles of a healthy and varied diet to prepare and make healthy snacks, such as sugar alternative versions of gingerbread man biscuits and banana and oat cookies. The children will learn where bananas, oats, honey and ginger come from and learn about their benefits for the human body.
Year 2	The children will design a face for a knight's shield, a moon buggy, a chocolate bar wrapper and chocolate mixture and an animal puppet. The children will make chocolate bar mock ups, they will use templates for the shield and the animal puppet. In preparation for their final piece they will talk to their peers, research using ICT and sketch their designs.	The children will learn to select from and use a saw, glue gun, scissors, PVA glue, hand drills, needles and thread, chopping knives and paint and collage to finish the product. The children will learn to select from and use card, wooden Dowling of various shapes, wheels, construction boxes, felt, calico and fruit and vegetables, embellishments,	The children will learn to explore and evaluate a range of existing puppets, chocolate bar wrappers and taste relevant sweet and salty ingredients. The children will learn to evaluate their ideas and their shield and chocolate bar against design criteria.	The children will learn how to build a shield and a moon buggy, exploring how they can be made stronger, stiffer and more stable. The children will learn how to explore and use the mechanism, slider, for a moving picture, wheels and axles, for a moon buggy and a lever, for a STEM challenge to explore the properties of a lever.	The children will learn to use the basic principles of a healthy and varied diet to make a rainbow pizza, a bread roll and a vegetable curry. The children will understand where the food, various fruits and vegetables and wheat, comes from.