

Design and Technology

Our learning values

Working Together	Curiosity	Making Connections	The Bigger Picture	Keeping Going
<p>I like to work together with other people in school as well as the local community. This allows me to share my ideas and helps me to learn.</p>	<p>I just love asking questions to find out about things. I like to investigate, create and explore to find the answers.</p>	<p>I enjoy making connections with my learning. I like to see how everything fits together. I love linking learning from different areas together, it helps me to understand what I am doing.</p>	<p>I see the bigger picture. I plan ahead so I am clear about what I need to learn. I look back at what I've done so I know what to do next. It is important to me that I do my very best.</p>	<p>I keep on going. It doesn't matter how hard I find something. When things get tough I use my perseverance to stick at a task and try my best. By doing this I discover that learning becomes easier than I thought.</p>
<p>Opportunity to Build Expertise</p> <p>The children will develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world</p>	<p>Understand and use the Design Process</p> <p>The children will build and apply repertoire of knowledge, understanding and skills in order to design and make high-quality prototypes and products for a wide range of users.</p>	<p>Test, Reflect and Improve</p> <p>Children will critique, evaluate and test their ideas and products and the work of others.</p>	<p>Confidence in Food Preparation</p> <p>The children will become confident in preparing food. They will understand and apply the principles of nutrition and learn how to cook with confidence and enjoyment.</p>	
<p>Children at Shute have the opportunity to prepare and cook a variety of foods. They taste and compare different foods and use this information to select and prepare their own food. The children learn how important a healthy, balanced diet is and they learn where foods come from and how it has an impact on the global environment and locality.</p> <p>Children at Shute are encouraged to be curious about how things work and through opportunities to explore how objects work they learn to ask questions and begin to connect to the world around them. The children will explore simple axles to developing complex cogs and learn the skills and knowledge which they can apply to their own products. The children will confidently build their manual skills of cutting and assembling with a range of tools and outcomes. As they journey through the school children will build their understanding of the design process. By looking at products and learning about the mechanisms that make them work children will use sketch books to collect their knowledge which can be used in subsequent projects. Learning to draw accurate diagrams and plan out prototypes as well as having the opportunity to develop the marketing element of a product help children to understand the process of designing and making.</p>				