



Spreyton Primary - Curriculum Intent Statements

Design & Technology			
Our Values			
Passion	Pride	Positivity	Perseverance
<p>Children ask questions and can make connections in their learning. They are able to learn in different ways, using their imagination and enthusiasm to develop their skills and are reflective in their learning. We want the children to be curious about how things work. We want them to ask questions about the objects/products around them.</p>	<p>The children take pride in the work they produce and want it to be the best they are capable of. They want to share their work with others through class sharing, displays and presentations.</p> <p>The children will be encouraged to take pride in all aspects of the design process so they are proud of the finished product. They will be able to complete the DT process from design to completed product and be able to talk about what they did.</p>	<p>The children can work together to share ideas and support each other. They can add their ideas and listen to the ideas of others with respect.</p> <p>The children will need to work collaboratively on some projects to complete them so they will need to develop good teamwork and communication skills.</p>	<p>The children are self-motivated and independent learners. They can use support materials around the classroom to improve their work.</p> <p>The children will develop and improve a range of skills such as drawing, cutting and reinforcing. They will learn to draw diagrams, make prototypes and think about how to market a product. They will be encouraged to look closely at how things work and solve problems that arise in the design and build phases.</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 a 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>At Spreyton Primary school, we believe all children should develop a sense of curiosity how things work. By giving opportunity for children to explore the inner works of everyday items they will learn to question and connect to the world around them. From exploring simple axles to developing complex cogs children learn the skills and knowledge which they can apply to their own products. Children will confidently build the 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 applied in subsequent projects. Learning to draw accurate diagrams and plan out prototypes as well as opportunity to develop the marketing element of a product help children to understand the process of designing and making.</p> <p>Children at Copplestone have opportunity to prepare and cook a variety of foods. They have opportunity to taste and compare different foods and use this information to select, prepare their own food. They learn the importance of a healthy balanced diet and consider where foods come from and how that impacts on our local and global environment.</p>			