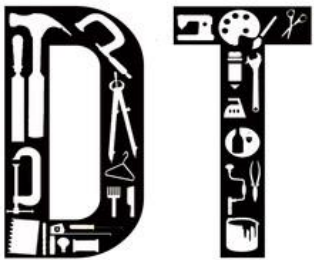




Design and Technology

Our learning values

Confidence	Caring	Curiosity	Challenge	Creativity	Community
Copplestone pupils can present their ideas to others. They are aspirational in their learning. They can talk about their designs and give constructive advice.	Copplestone pupils take a pride in their learning. They listen to and value their peers. They can evaluate designs.	Copplestone pupils ask questions. They are reflective learners. They learn new techniques in design and building.	Copplestone pupils are self-motivated. They take risks. They persevere. They learn new skills in design and building.	Copplestone pupils make connections in their learning. They can show their learning in different ways. They can use skills to be creative in their use of design and materials.	Copplestone pupils are collaborative. They share ideas and value the ideas of others. They collaborate on projects.
 <p style="text-align: center;">DESIGN AND TECHNOLOGY</p>	<p>Opportunity to Build Expertise 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 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 Children will critique, evaluate and test their ideas and products and the work of others.</p>	<p>Confidence in Food Preparation 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>	

At Copplestone 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.

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.