

**Design & Technology Curriculum Intent Statement**

By delivering a curriculum in Design & Technology, the intent is to develop our know, explore communicate curriculum by exploring an enquiry based approach where the children have the opportunity to explore the creative, technical and practical expertise needed to perform everyday tasks confidently and successfully. For the children to be able to build on the knowledge, understanding and skills taught in previous years in order to design and make high-quality prototypes and products for a wide range of users. For all children to be able to critique, test and evaluate test their ideas and products and the work of others. To allow the children to understand and apply the principles of nutrition and learn and progress how to cook using more complex skills and techniques.

**Design & Technology Vison**

When teaching Design & Technology we are dedicated in creating and delivering a curriculum, which is essentially providing the children with the widest range of opportunities possible.  Design & Technology is a fundamental subject, which educates the children in how to analyse and solve problems, produce high quality solutions and learn how to convert their ideas into working products.  At the heart of the curriculum in the desire to deliver a broad variety of lessons which prepare our the children to be successful in the subject and their wider lives.  We aim to achieve this through our enquiry based curriculum inspired teaching, thinking and learning that embraces new technologies whilst also maintaining the traditional skill set.

**Design & Technology Purpose**

Design and technology is an inspiring, rigorous and practical subject. Using creativity and imagination, pupils design and make products that solve **real and relevant problems**within a variety of contexts, considering their own and others’ **needs, wants and values**. They acquire a broad range of subject knowledge and draw on disciplines such as **mathematics, science, computing and art**. Through the evaluation of **past and present design and technology**, they develop a critical understanding of its **impact** on daily life and the wider world.  High-quality design and technology education makes an essential contribution to the creativity, culture, wealth and wellbeing of the nation.

**Design & Technology Key Strands**

Under the umbrella of Design & Technology, the children study Food & Nutrition.  There are key strands within these subject areas that we aim to teach our the children about; Design, Make, Evaluate, Technical Knowledge and Cooking & Nutrition.