



Mary Tavy and Brenton Primary School DT Curriculum Statement

Intent Drivers – Our Core Values

Perseverance

Aspiration

Respect

Collaboration

INTENT

At MTB, we place great importance on a curriculum, which develops the whole child, inspiring our children to achieve their potential and shine brightly in their own unique way. At MTB we aim to ensure that all pupils develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world. The pupils will understand and apply the principles of nutrition and learn how to cook. Growing together, we learn together and succeed.

IMPLEMENTATION

National Curriculum

Planning in Design and Technology is designed to meet and develop the requirements of the national curriculum, ensuring breadth and depth of learning for all children.

Designing. In KS1 and KS2, pupils will design and develop purposeful, functional and appealing products for themselves and others based on design criteria. In addition, KS2 will generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design.

Making. In KS1 and KS2, pupils will select from and use a range of tools and equipment to perform practical tasks. Pupils will select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics.

Evaluating. In KS1 and KS2, pupils will explore and evaluate a range of existing products. They will understand how key events and individuals in DT have helped shape the world.

Technical knowledge. In KS1 and KS2, pupils will experiment with structures, exploring how they can be improved. Pupils will use computing, mechanical and electrical systems to monitor and control products.

Cooking and nutrition.

KS1 and KS2, pupils will use the basic principles of a healthy and varied diet to prepare dishes and understand where food comes from. They will prepare and cook a variety of predominantly savoury dishes. In addition KS2 pupils will understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.

IMPACT

They should build and be able to 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. They should be able to comment on, evaluate and test their ideas and products and the work of others. They should be able to plan and prepare meals that are healthy and nutritious.