



Curriculum Intent, Implementation, Impact

SUBJECT: Design and Technology

DESIGN AND TECHNOLOGY LEADER: Laura Phillips

TEAM: Creativity

CREATIVITY LEADERS: Laura Phillips and Zoe Evans

Intent:

The teaching of Design and Technology at Marden Primary Academy aims to inspire children to be creative and practical and use their imagination to design, make, evaluate and improve products and models through high quality DT lessons. The broad and balanced curriculum ensures the requirements of the EYFS Curriculum and National Curriculum are met and ensures the progressive development of knowledge and skills. It provides children with opportunities to develop the skills needed to make high quality products and models. Children develop their skills working with structures, mechanisms, food and nutrition, textiles and electricals and electronics (KS2 only). They are given the opportunity to take inspiration from design throughout history and appreciate the design process that has influenced the products that we use in everyday life. At Marden Primary Academy the DT curriculum combines skills, knowledge, concepts and values to enable children to tackle real problems. It can improve analysis, problem solving, practical capability and evaluation skills. We aim to link DT in a cross curricular way with other subjects such as mathematics, science, computing and art. We encourage our children to solve real and relevant problems using a variety of contexts, learn how to take risks and be innovative.

Implementation:

At Marden Primary Academy, our pupil's designing skills are interwoven into our studies which are built upon and developed throughout their time at school. We strive to provide an exciting, interesting and cross curricular approach whereby DT links into topics throughout each term. In addition to this, throughout the year, the children will have opportunities to work on their design and making skills as part of our whole school topic weeks.

Teachers are provided with opportunities to work collectively to plan their curriculum ensuring a shared commitment to maintaining high standards and expectations and to ensure the correct skills, knowledge and understanding are taught.

Teachers develop/plan for the following:

- A cycle of lessons, which carefully plans for progression and depth,
- Carefully planned opportunities to encourage the transference of skills and knowledge and to build upon previous learning,
- Trips and visits from design and technology experts to enhance the learning experience and improve knowledge and understanding.

Impact:

Our Design and Technology Curriculum is high quality, well thought out and is planned to demonstrate progression and improve children's creative and practical skills. We measure the impact of our curriculum through:

- A reflection on standards achieved against the planned outcomes (key end points),
- Reviewing curriculum coverage and adjusting accordingly,
- Pupil discussions about their learning,
- A celebration of learning, e.g. performance, assembly, displays, certification of achievement.

The subject leader, alongside the curriculum team leaders and senior management team, are responsible for monitoring and evaluating curriculum progress. This is done through lesson observations, pupil interviews, staff discussions and audit of resources.