



DT Curriculum Intent

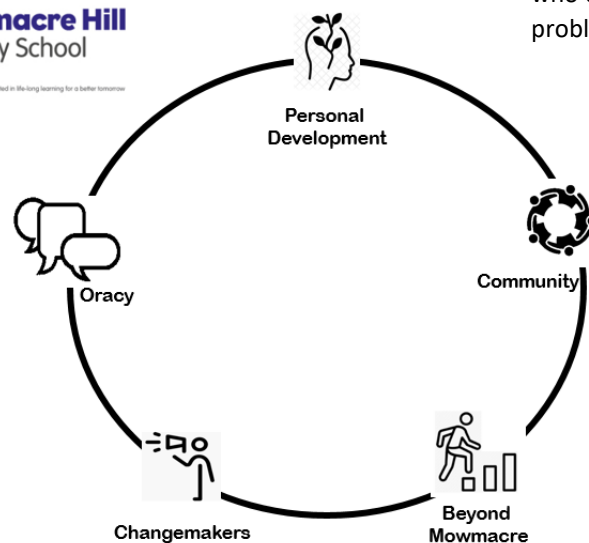
Mowmacre Hill’s Design Technology enquiry intent is that our teaching of DT will help pupils use their creativity and imagination, to design and make products that solve real and relevant problems.

The Design technology curriculum at Mowmacre Hill aims to ensure that all pupils:

- Have a thorough understanding of the design process, starting with initial ideas, through to practically making a final product;
- Are encouraged to think creatively and critically in solving problems, working independently and as part of a team;
- design and create products that solve real life and relevant problems, within their environment and a wider context;
- be inspired by engineers, designers, chefs and architects to enable them to create a range of structures, mechanisms, textiles, electrical systems and food products
- link DT to other subjects where possible, as part of a broad and balanced curriculum;
- are inspired to become designers, through an understanding of peoples wants and needs with products.

Topics are informed by the national curriculum and design projects are directly linked, with a relevant product. Children are inspired to see themselves as change makers, who can make a difference in their community and beyond.

Curriculum Drivers



Personal development – to see themselves as designers, who can confidently solve problems.

Community – developed through their understanding of people’s wants and needs for products, within their local community and context.

Beyond Mowmacre – by developing an understanding for design in the wider world.

Oracy – enable the children to improve their levels of oracy, so that they are able to communicate their ideas and about their designs effectively.

Changemakers – discovering designers and makers who have solved problems in the world through their designs.

Curriculum Implementation

In ensuring high standards of teaching and learning in Design Technology, we implement a curriculum that is progressive throughout the whole school.

Planning for DT is a process in which all teachers are involved to ensure that the school gives full coverage of, 'The National Curriculum programmes of study for Science 2014'. DT teaching at Mowmacre Hill Primary School involves adapting and extending the curriculum to match all pupils' needs. Where possible, DT is linked to class topics however it is also taught as discrete units and lessons and our DT Curriculum Focus weeks to ensure full curriculum coverage.