



Design and Technology at Morton Primary Academy



Our curriculum vision:

At Morton, we believe that our children deserve a curriculum that gives them knowledge, experience and skills as well as supporting them to develop a life-long love of learning. We have developed a curriculum that promotes our values - Considerate, Aspirational, Responsible, Determined and Safe. Our curriculum is broad, balanced and inspirational and is relevant to the area that we live and the community that we are proud to serve. We believe that learning about diversity and the wider world is of high importance to our children and so have created many opportunities for this within our curriculum.

Knowledge

Design

Make

Evaluate

Our Philosophy

At Morton, it is our intent to teach children the **knowledge** and **skills** that they need to successfully **design**, **make** and **evaluate** products. We aim to engage and inspire them to be **creative** whilst fulfilling the specifications of a given design brief. We will provide opportunities to develop the **practical skills** of drawing, measuring, cutting, joining etc so that products are well made and successful.

How we teach DT

Design and Technology is embedded into our curriculum which is designed over a two-year cycle. Where there are meaningful links, DT links to the overall theme being taught. There are 5 different elements of DT that we teach - **mechanisms, electrical systems, food technology, structures and textiles** - children will experience all of these during the different cycles.

Design and technology is taught as a process rather than a standalone lesson. Children are taught the **knowledge** that they will need, they will practice a variety of **skills** and techniques before **designing** and **making** a product. Children will also learn how to **evaluate** their product against the brief or criteria that they were given. During food technology, children will learn about where food has come from as well as learning the skills of preparing snacks, drinks and meals.



Our Environment

We take pride in our environment and use it to enable learning to take place both inside and outside. As well as learning DT inside the classroom, children are encouraged to continue their learning during OPAL play, at home through creative homework and various competitions throughout the year.

The impact

Through learning design and technology our children will learn how to take risks. They will become creative, resourceful and innovative members of our community. Through learning about design and technology, children will gain an understanding of the impact that it has on daily life.