

Why is Design Technology important?

Design Technology explores many key areas of learning and develops a range of skills which allows children to exercise their creativity through designing and making. The children are taught to combine their designing and making skills with knowledge and understanding in order to design and make a product. Children take an idea or product and, exploring it further, find out how it currently works. They can then develop the product further to suit a user or need. This process can be used for textiles, food or structures. The process allows creative thoughts and ideas to be explored and brought to life. DT allows children to apply the knowledge and skills learned in other subjects, particularly Maths, Science and Art. Children's interests are captured through theme learning, ensuring that links are made in a cross curricular way, for example WOW days, giving children motivation and meaning for their learning.

How is the Design and Technology curriculum implemented at Monkfield Park?

We use progression grids to ensure that prior knowledge, skills and vocabulary are built upon in subsequent years. Teachers can then use these progression grids in order to map a long term plan for their year group. Each term, children take part in a cooking or baking activity which has been planned to ensure that cross curricular links are achieved.

How Design and Technology will impact our learners?

Children will know more, remember more and understand more about Design and Technology. This is evidenced through regular pupil voice, monitoring and evaluating the outcomes, which can then be measured against our assessment data. Children should be able to retain and retrieve prior-learning and explicitly make connections between what they have previously learnt and what they are currently learning.

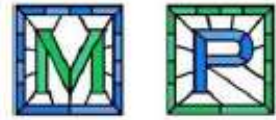
"I used a straw for the axle, the wheels go round." Year 1 child

"I used cardboard because it is stronger than paper and the lollypop sticks help hold it up." Year 2 child

"Quote" Year _ child

"It has given my child a great opportunity to use their imagination and creativity to design and make projects."
Parent

Monkfield Park



Primary School and
Care & Learning Centre

Design Technology

What do we intend Design and Technology to look like at Monkfield Park?

Our intent is to allow children to be creative and explore familiar and unfamiliar objects and products. Children will develop questioning and construction skills using a range of tools and techniques. Children will learn how to keep themselves and others safe whilst working with tools and equipment designed for cutting, joining and cooking. Skills are taught progressively to ensure that all children are able to learn and practice in order to develop as they move through the school. Evaluation is an integral part of the design process and allows children to adapt and improve their product. This is a key skill which they need throughout their life.