

Design and Technology (D.T.) at Meadowcroft

The National Curriculum (2014) states: *Design and technology is an inspiring, rigorous and practical subject. Using creativity and imagination, pupils design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values. They acquire a broad range of subject knowledge and draw on disciplines such as mathematics, science, engineering, computing and art. Pupils learn how to take risks, becoming resourceful, innovative, enterprising and capable citizens. Through the evaluation of past and present design and technology, they develop a critical understanding of its impact on daily life and the wider world. High-quality design and technology education makes an essential contribution to the creativity, culture, wealth and well-being of the nation.*

D.T. in EYFS is explored through the Education Programme:

Expressive arts and design educational programme (taken from the EYFS Framework 2020)

The development of children's artistic and cultural awareness supports their imagination and creativity. It is important that children have regular opportunities to engage with the arts, enabling them to explore and play with a wide range of media and materials. The quality and variety of what children see, hear and participate in is crucial for developing their understanding, self-expression, vocabulary and ability to communicate through the arts. The frequency, repetition and depth of their experiences are fundamental to their progress in interpreting and appreciating what they hear, respond to and observe.

Early learning goals that link to design technology:

EYFS - Expressive arts and design - ELG Creating with materials

- Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.
- Share their creations, explaining the process they have used.
- Make use of props and materials when role playing characters in narratives and stories.

EYFS – Physical development - ELG Fine motor

- Use a range of small tools, including scissors, paintbrushes and cutlery.

What it looks like in the Early Years...

- Have opportunities to make their own creations using a wide range of different materials, fixings and tools which are freely available in continuous provision.
- Are taught how to use tools such as scissors, hole punch, string, Sellotape, cutters etc.
- Are encouraged to talk about what they would like to make, how they will do it and what they think about it when it is finished.
- Are encouraged to evaluate what they have made and make changes as appropriate.

D.T. in KS1 and KS2 is taught through the following topics that cover all aspects of the National Curriculum requirements. D.T. is taught in the second part of the half term across the school

	Autumn Term	Spring Term	Summer Term
Year 1	Eat More Fruit and Vegetables	Moving Minibeasts	Stable Structures
Year 2	Puppets	Vehicles	Perfect Pizzas
Year 3	Storybooks	British Inventors	Light-Up Signs
Year 4	Seasonal Stockings	Making Mini Greenhouses	Seasonal Food
Year 5	Building Bridges	Chinese Inventions	Fashion and Textiles
Year 6	Programming Pioneers	Bird House Builders	Burgers