

Brownlow Fold Primary School

Design Technology Curriculum Conversation

2025 - 2026

Welcome



Mission Statement

Our mission is to improve educational outcomes for all pupils at Brownlow Fold and to ensure that pupils leave us well prepared academically, socially and emotionally for the next stage of their education.

At Brownlow Fold our aim is to:

- Provide a stimulating, child-centred curriculum which inspires pupils to learn.
- Promote challenge in a safe and nurturing environment.
- Develop pupils that are confident, resilient, self-assured learners with excellent attitudes to learning.
- Work collaboratively with all stakeholders (home / school /child / governors / community).
- Ensure that pupils are safe and feel safe at all times.
- Encourage curiosity, enthusiasm and independence.
- Engender within school a caring and sharing ethos where children, parents and staff feel welcome, valued and respected.
- Teach children to respect each other and themselves.

At Brownlow Fold we want our pupils to:

- Love the challenge of learning and develop resilience.
- Be curious, interested learners who seek out and use new information to develop, consolidate and deepen their knowledge, understanding and skills.
- Thrive in lessons and regularly take up opportunities to learn.
- Recognise the difference between right and wrong.
- Discuss and debate issues in a considered way, showing respect for different ideas and points of view.
- To make informed choices about healthy eating, fitness and their emotional and mental well-being.
- Make consistently high rates of progress in relation to their starting points.

To achieve all of the above we must engage with those in the school community and beyond, to build a learning community which supports achievement and attainment because:



Together we Fly



Brownlow Fold Early Years

The Curriculum

Communication and Language development involves giving children opportunities to experience a rich language environment; to develop their confidence and skills in expressing themselves; and to speak and listen in a range of situations.

Physical development involves providing opportunities for young children to be active and interactive; and to develop their co-ordination, control, and movement. Children must also be helped to understand the importance of physical activity, and to make healthy choices in relation to food.

Personal, social and emotional development involves helping children to develop a positive sense of themselves, and others; to form positive relationships and develop respect for others; to develop social skills and learn how to manage their feelings; to understand appropriate behaviour in groups; and to have confidence in their own abilities.

Mathematics involves providing children with opportunities to develop and improve their skills in counting, understanding and using numbers, calculating simple addition and subtraction problems.

It is important that children know ***how*** to learn just as much as ***what*** to learn. They learn best by ***doing***.
They need first-hand experiences and learning that makes sense to them. In fact, they learn best through ***play***.

Purpose of study

- At Brownlow Fold, children are given the opportunity to develop their creativity whilst building on problem solving skills. Children work hands on with different materials to produce products that solve real world problems, yet include the child's own personal creative touch within the design.
- Within our DT units, the children explore a key designer that relates to the product they are creating. This allows them to explore pre-existing designs and evaluate them, as well as gain a deeper understanding of the world of design.

Units within DT

- In DT, we have Textiles, Structures, Food Technology, Electronics and Mechanisms.
- Each year group has 3 units per year and an additional food technology unit.
- This means that as the children move up year groups they will cover each of the DT golden threads multiple times.
- The skills they utilise within a year group will be progressed onto the next as they continue to develop their practical skills.

Safety within DT

- We promote safety within our DT work when working practically with tools.
- This is particularly important when completing food technology units as the children may be working with sharp objects, supported by adults.
- We model how to work safely with any tools we may be using and also remind children of key hygiene tips when working with food.

Book layout

- At Brownlow Fold, children are expected to show their best presentation within all subjects. In Design Technology, pupils have a learning focus sheet at the start of each unit, outlining the objectives that children will work towards within each lesson.
- Children are expected to write the long date and the learning focus for that day.
- A green for growth check is used to complete a unit of learning, giving an opportunity for children to demonstrate the knowledge and skills they have gained within the unit.

Assessment within Design Technology

- Summative assessments takes place within the classroom through the use of plenary tasks and end of unit checks.
- Formative assessment is used through the use of green for growth checks and the assessment of pupils end products from their DT unit.

Home learning

- Children may be asked to complete additional DT work as part of their half termly tasks, at the discretion of the class teacher.
- To continue to support the skills associated with DT at home, children can be provided with opportunities to solve problems, plan and design as well as make. It could be as simple as going through a recipe (plan) and then getting them to help cook the meal (make). Creative toys such as lego are also a great way to support younger children with the fine motor skills needed to support DT skills.