



Design Technology at Gaskell Primary School

Intent:

To encourage imagination, creativity and enjoyment when making products that solve real and relevant problems and to gain skills that they can take with them for life.

Why do children at Gaskell Primary School need to study D.T?

By experiencing D.T our children will understand how D.T can give them the inspiration, self-confidence and ideas to create, design and make. Children will have the opportunity to gain practical life skills when using tools, various materials and learn about different techniques to understand how things and systems work enabling them to solve problems.

What are the aims for the D.T Curriculum?

- To be able to use the language of D.T to describe models and products they have created.
- To be able to use a range of D.T resources confidently.
- To provide opportunities to use the skills and knowledge learnt to be confident to try new ideas.

The National Curriculum for D.T aims to ensure that all pupils:

- develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world
- build and apply a repertoire of knowledge, understanding and skills in order to design and make high-quality prototypes and products for a wide range of users
- critique, evaluate and test their ideas and products and the work of others
- understand and apply the principles of nutrition and learn how to cook

What values and drivers underpin the current curriculum content?

At Gaskell we have key values and drivers which support our children ***'to become successful citizens in today and tomorrow's world'***.

In D.T. we show:



Happiness: We are aware how exploring our creative ideas and minds and working together can make us happy.

Empathy: We have an understanding that not everyone feels comfortable being creative so we can help and encourage our friends and share ideas.

Ambition: We aspire to be ambitious problem solvers who are not afraid of making mistakes.

Respect: We respect our local community, wider community and the world around us.

Resilience: We appreciate that some aspects of D.T can be challenging but we continue to work hard to improve our skills.

Tolerance: We respect that other people might have different ideas to ourselves as we live in a diverse community.

Self-confidence: We are brave and take risks to explore the world around us.

In D.T we are:

Healthy Pioneers: Creativity helps us to develop socially and mentally. D.T helps and teaches us to persevere, gain self-confidence and to be proud of our achievements.

World Citizens: Our children will develop an understanding about where they live and the wider world. Through learning about the world, they will understand their role in today and tomorrow's world by developing respect and tolerance towards the environment. Children are encouraged to challenge themselves to gain high aspirations about what their future 'world of work' may look like.

Avid Adventurers: We are passionate that children are excited about the real world. We believe that a curriculum rich in real life experiences develops confidence and resilience. We want them to know that life exists outside school, their home and local community. There is a world waiting to be explored. We will allow them to manage risk-taking by having lots of fun and experiencing a little danger. These learning experiences will ignite the imagination and advance their knowledge and understanding, taking into account their diverse starting points and enrich their experiences of life.

Confident Communicators: We will give the children opportunities to think critically by solving problems and



discussing choices they have made. **They will have the ability to carry out thorough research, show initiative and ask questions. They will be immersed in the vocabulary of each topic.**

Creative Minds: Individuality, creativity and self-expression is promoted through D.T whilst developing resilience, resourcefulness and risk taking when faced with more challenging tasks.

How are British Values taught through D.T?

British values, including those of mutual respect and tolerance of those with different faiths and beliefs are embedded in the D.T curriculum. We promote tolerance through different people's ideas, creative responses and understanding of different cultures within D.T. Pupils are encouraged to question and explore what D.T is studied. Pupils have the opportunity to work independently and as a team to build resilience and self-belief through tasks, sharing ideas and resources, peer assessment and supporting each other.

D.T Intent, Implementation and Impact

Why has the specific content knowledge been selected?

The EYFS and National Curriculum provide a broad coverage of D.T for each key stage, with a major focus on mastering practical skills such as cooking, sewing, and constructing; mastering designing, evaluating, and improving skills; and taking inspiration from design through history. This allows us to be selective of the content and skills we teach our children, consistently revisiting, revising, and building upon previous skills and concepts taught; building on their linking memories.

Why is it taught in the order that it is?

We have designed the D.T curriculum to ensure it is well-sequenced, has a clear progression and end point. Our aim is to create a spiral curriculum, where skills and knowledge are introduced, revisited, then mastered over our pupils' time at our school, creating "sticky knowledge". The content of our D.T lessons have been created to support our Historical and Geographical topics, not only providing our pupils with the opportunities to deepen their topical knowledge and understanding, but to encourage the development of skills which can be utilised in their everyday lives. This supports our school aim **to develop each of our pupils to become successful citizens in today and tomorrow's world.**



How are D.T lessons taught at Gaskell Primary School?

D.T lessons at Gaskell are intricately linked with its sister subject, Art. Here, we ensure there is a strong focus on the continued development of our children's key skills and that the correct use of vocabulary is being utilised as the children progress up through school. We provide many opportunities which allow children to explore their creative and critical thinking sides, through teamwork activities, discussions, and challenges. At Gaskell, we have termly DT competitions, which encourages our children to use the skills and concepts they have been taught in the classroom at home; giving them the confidence to take on the leading role in task set.

What is the impact?

We ensure that children at our school are equipped with the creative, problem solving and critical thinking skills and knowledge they have gained, which will enable them to be ready to embrace the challenges of the curriculum at Key Stage 3 level and for life as an adult in the wider world. We want our children to have a passion for D.T, and to understand the potential careers they could enter as they grow older. At the end of their time at Gaskell, we want our children to be able to understand, analyse and evaluate how the world around them works and be respectful of others' opinions. We want our children to embrace D.T so they have the confidence to know there is a world outside of school which is waiting for them to explore.