

Intent

What is happening before the planning?
What are the aims?
What needs to happen before the children learn?
How are we supporting children to become successful?

At Long Whatton, our aim is to deliver an inspiring, rigorous and practical curriculum that uses creativity and imagination to enable children to learn and grow.

- Our aim is for children to design and make products from a range of resources that will help solve real a relevant problems independently and part of a team.
- The children will acquire a broad range of subject knowledge and draw on other subjects such as mathematics, science, engineering, computing and art.
- Through 'Thinking for Myself' the children will be resourceful and innovative to enable them to produce and evaluate their work.
- Through different projects the children will evaluate work of different designers past and present to create their own work.

Implementation

How is it going to be delivered?
How is it going to be taught, assessed and feedback given?
What are the long term learning goals?

Through a variety of creative and practical activities, the children at Long Whatton will gain the knowledge, understanding and skills needed to engage in an iterative process of designing, making and evaluating.

- The children will design and create products that consider function and purpose and which are relevant to a range of sectors (for example, the home, school, leisure, culture, enterprise, industry and the wider environment).
- The children will be taught to design, make and evaluate while using a range of technical vocabulary which will evolve as they go through the school. Through 'More than just me' children will collaborate and let their ideas evolve.
- Through cookery, they will understand and apply the principles of nutrition and learn how to use equipment safely and confidently.
- The children will be able to use a range of tools and materials safely to design and create different products independently and as part of a team.

Impact

What knowledge and skills do pupils gain throughout?
How are they achieving the goals?
How does their knowledge gained compare to expectations?

Children will be able to take risks, becoming resourceful, innovative, enterprising and capable individuals.
High-quality design and technology education will make an essential contribution to the creativity, culture, wealth and well-being of our children.

- Through the evaluation of past and present design and technology, the children will develop a critical understanding of its impact on daily life and the wider world.
- They will develop lifelong skills which they will be able to transfer into different situations.