Design and Technology Curriculum at Glapton Academy

Design Technology Subject Leader	
Miss R Lampitt	**Qualifications:** BA (Hons) English and Cultural Studies PGCE Qualified Teacher Status (GTP) **Roles:** Year 5 Class Teacher Design andTechnology Lead

Design and Technology - Subject Vision	Design and Technology - Subject Aims
At The Glapton Academy we develop our children's knowledge and understanding of the D&T curriculum through the process of design, make, evaluate, technical knowledge and cooking and nutrition. They will be equipped with the knowledge required to understand the uses and implications of D&T today and in the future.	We aim to give our children hands on experiences to help develop their independence and to raise their ambitions. In line with the National Curriculum for Design and Technology (2014), our aim is 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.

Design and Technology - Subject Design

At Glapton Academy, the Design and Technology curriculum has been designed around the six D&T principles:

- User
- Purpose
- Function
- Design decisions
- Innovation
- Authenticity

These principles describe the features of a genuine D&T experience and are applied to each section of the subject. Each project that children undertake addresses these principles. This allows for an interactive approach to learning which is also in line with our drivers of Happiness, Discovery, Inspiration and Success.

We have planned the D&T curriculum to give pupils opportunities to learn to think creatively to solve problems and build and apply knowledge, understanding and skills in order to design and make high quality products that solve real and relevant problems within a variety of contexts.

The principles of nutrition and learning how to cook is an important part of the D&T curriculum, and the children study a cooking unit every year.

D&T lends itself to linking to other disciplines such as mathematics, science, engineering, reading, computing and art. This gives children the experience of utilising their skills and knowledge from other areas of the curriculum in an authentic way.

Our curriculum encourages our children to be innovators and risk takers in order to make an essential contribution to the creativity, culture, wealth and well-being of the world around them.