


## DT Curriculum at Glapton Academy

DT - Subject Leader	
	<p><b>Miss L. Haywood</b></p> <p><b>Qualifications:</b> <b>B Ed Primary Education</b> <b>Qualified Teacher Status</b> <b>NPQSL</b></p> <p><b>Roles:</b> <b>Class Teacher</b> <b>DT Lead/ LPPA Coordinator</b></p>
<p>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. (DFE 2013)</p>	
DT - Subject Vision	DT - Subject Aims
<p>At Glapton Academy, our DT curriculum enables pupils to have the opportunity to develop skills, knowledge and understanding of designing and making functional products.</p> <p>We are committed to delivering a curriculum accessible to all which provides the broadest possible range of opportunities for children. One which will allow the children to become self-motivated and confident communicators. Our main priority is for our children to be ambitious problem solvers who are not afraid of making mistakes.</p> <p>'Design is not just what it looks like and feels like. Design is how it works.' Steve Jobs</p>	<p>Our intention is for all children to enjoy DT and have a secure and deep understanding of fundamental processes of designing, making, evaluating and the technical knowledge around products.</p> <p>Aims for our pupils:</p> <ul style="list-style-type: none"><li>• To deliver programmes of study for Key Stages 1 and 2 of the National Curriculum in Design and Technology;</li><li>• To develop imaginative thinking in children and to enable them to talk about what they like and dislike when designing and making;</li><li>• To enable children to talk about how things work, and to draw and model their ideas;</li><li>• To encourage children to select appropriate tools and techniques for making a product, whilst following safe procedures;</li><li>• To explore attitudes towards the made world and how we live and work within it;</li><li>• To develop an understanding of technological processes, products, and their manufacture, and their contribution to our society;</li><li>• To foster enjoyment, satisfaction and purpose in designing and making.</li></ul>
DT - Subject Design	
<p>As the leader of Design and Technology at Glapton Academy, I have designed our curriculum around our block topics and the requirements of the National Curriculum. Products to be made have been carefully selected to subsequently build on the knowledge previously learnt, but also to create a variety of products using</p>	

different skills. We want our children to be equip with not only the statutory requirements of the design technology National Curriculum but to prepare them for the opportunities, responsibilities and experiences of later life.

Glaption children are taught to select and use appropriate tools safely and effectively to make a product. In all areas of Design and Technology the children are encouraged to consider the effectiveness of their designs and requirements of the product. Every child will have the opportunity to learn and extend their understanding, experience and application in the use of technology, including

I.C.T, in as wide a variety of situations as possible. Each class will undertake four Design and Technology units per year from the following

- Food and Nutrition
- Textiles
- Structures
- Mechanisms (KS1)
- Electrical or Mechanical Systems (KS2)