



Subject: Technology

Head of Subject: J Sandbach

Year: Seven

Organisation of the Subject

Technology is taught in mixed form groups of 20 students. The students have 3 lessons per 2 weeks. Students will complete 3 modules throughout the year, working in the media of Food, electronics, CAD/CAM, and plastic.

Key Concepts (The big ideas underpinning the subject)	Key 'Learning Capacities' in this subject
<ul style="list-style-type: none"> • Developing Ideas • Planning • Communicating Ideas • Producing Quality Products • Evaluating Processes and Products 	<ul style="list-style-type: none"> • Interdependence, Collaboration, Listening and empathy, Learning from others • Self-control, Perseverance, Absorption, Capitalising • Planning, Revising, Keeping Track, Responsible risks. • Applying past knowledge, Imagining, Think rigorously, methodically thinking, noticing, Distilling, Questioning, Meta Learning

What will your daughter be learning?	How will your daughter be learning?
<ul style="list-style-type: none"> • Analysis of Design Problems in order to produce Specifications • Planning for manufacture • Communicating ideas using annotated sketches • Using modelling techniques to explore and develop ideas • Understanding of a range of manufacturing skills and techniques • Evaluation of products, processes and personal ability 	<ul style="list-style-type: none"> • Through working independently on whole design and make projects and small focused practical tasks • Through working in pairs exploring ideas and possibilities using computers • Through working in small groups to discuss their ideas and the ideas of others • By modelling ideas to explore opportunities • Evaluation of ideas, models, process and materials

How will learning be assessed?	What can you do to support your daughter?
All work in Key stage 3 is assessed according to the sub-skills as outlined in the Key Concepts and in the workbook. Pupils' work is levelled as either Secure or High.	Regularly reviewing their Technology Booklets which contains all the work completed in Year 7. Also using the VLE – Technology area and the websites given in the work booklet.

Equipment needed for this subject	Extra-Curricular / Enrichment Opportunities
The usual pens/pencils. Also rulers, coloured pencils, compass. For Food technology modules ingredients will be required. Information will be given as appropriate. Occasionally pupils may wish to bring in additional materials to personalise products.	Yr 7 Young Engineers Club (Monday after school)

If you have any questions about this Learning Overview, please contact your daughter's subject teacher in the first instance.