

Curriculum Plan for Parents – Year 9

Subject	Design Technology https://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-8552	Contact Person	Mr D. Hinson
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Half term and topic	Your child will learn....	Key Homework	Assessment
Autumn 1	3.1.6 Materials and their working properties Timber Metals Polymers Paper & Card Links made to sources and origins, finite/non-finite	Exam style questions	Assessment of theory work in line with school making policy. Assessment against GCSE marking criteria.
Autumn 2	3.3.4 Design strategies Sketching Modelling Mini NEA project 3.3.9 Use appropriate marking out methods, data points and coordinates 3.3.10 Specialist tools and equipment	Exam style questions Theory	Assessment of theory work in line with school making policy. Assessment against GCSE marking criteria.
Spring 1	Mini NEA project 3.3.3 The work of others 3.1.6.1 Material categories 3.1.6.2 Material properties 3.2.4 Sources and origins 3.2.6 Stock forms, types and sizes	Use of Revision booklet to record information	Assessment of theory work in line with school making policy.
Spring 2	3.2.2 Forces and stresses 3.1.3 Development in new materials 3.1.5 Mechanical devices 3.3.4 Design strategies 3.3.5 Communication of ideas 3.3.9 Material management 3.2.8 Specialist techniques and processes (the use of production aids, tolerance, commercial processes and QC)	Links to maths for the external assessment possible.	Assessment against GCSE marking criteria.
Summer 1	3.3.6 Prototype development 3.2.7 Scales of production 3.1.1 Industry, robotics 3.1.1 New and emerging technologies		NEA Assessment

Summer 2	<p>3.3.6 Prototype development</p> <p>3.3.10 Specialist tools and equipment</p> <p>3.3.11 Specialist techniques and processes</p> <p>3.1.1 Production techniques and systems, use of Computer Aided Design (CAD)</p>	<p>Collecting images. Annotation of slides.</p> <p>Exam preparation. Past papers.</p>	End of year exam
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Curriculum Plan for Parents – Year 10

Half term and topic	Your child will learn....	Key Homework	Assessment
Autumn 1	<p>3.1.1 New and emerging technologies</p> <p>3.3.4 Design strategies</p> <p>3.3.1 Investigation, primary and secondary data</p> <p>3.1.2 Energy generation and storage</p>	Exam style questions	<p>Assessment of theory work in line with school making policy.</p> <p>Assessment against GCSE marking criteria.</p>
Autumn 2	<p>3.3.4 Design strategies</p> <p>3.3.1 Investigation, primary and secondary data</p> <p>3.2.3 Ecological and social footprint</p> <p>3.2.8 Specialist techniques and processes</p>	Exam style questions	<p>Assessment of theory work in line with school making policy.</p> <p>Assessment against GCSE marking criteria.</p>
Spring 1	<p>3.3.6 Prototype development</p> <p>3.3.10 Specialist tools and equipment</p> <p>3.3.11 Specialist techniques and processes</p>	Exam style questions	Assessment of theory work in line with school making policy.
Spring 2	<p>3.1.1 New and emerging technologies</p> <p>3.1.2 Energy generation and storage</p> <p>3.1.6 Materials and their working properties</p> <p>3.2.9 Surface treatments and finishes</p>	Exam style questions	Assessment against GCSE marking criteria.
Summer 1	<p>NEA introduction</p> <p>3.3.1 Investigation, primary and secondary data</p> <p>How to write a design specification</p>	NEA work	Assessment of theory work in line with school making policy.

Summer 2	3.3.4 Design strategies 3.3.5 Communication of design ideas	Collecting images. Annotation of slides. Exam preparation. Past papers.	
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Curriculum Plan for Parents – Year 11

Half term and topic	Your child will learn....	Key Homework	Assessment
Autumn 1	NEA work	Revision Exam preparation. Past papers.	Assessment of theory work in line with school making policy. Assessment against GCSE marking criteria.
Autumn 2	NEA work Mock exam	Revision Exam preparation. Past papers.	Assessment of theory work in line with school making policy. Assessment against GCSE marking criteria.
Spring 1	NEA work Revision	Revision Exam preparation. Past papers.	Assessment of theory work in line with school making policy.
Spring 2	NEA work Revision	Revision Exam preparation. Past papers.	Assessment against GCSE marking criteria.