



Subject: Design and Technology

Lead Teacher: Andy Mason

Year: 7

Curriculum organisation
 Students are taught in groups of 28 students for one lesson per week.

What topics will your daughter be studying this year?			How will your daughter be learning?
<p>Autumn Term</p> <ul style="list-style-type: none"> • Safely in a workshop environment. • 2d Development Nets. • Interlocking systems and close mechanisms. • Target Market. • Base Line Assessment. • Packaging. • Logo Design and Purpose. • Food Labelling. • Food Tasting and Analysis. • Vacuum Forming Process. • The Design Process. • Evaluation. 	<p>Spring Term</p> <ul style="list-style-type: none"> • Signage. • Specification. • Designing and developing products for clients. • Product Analysis. • 2d Design Tools. • CAD/CAM Industrial Processes. • CNC - Door Sign. 	<p>Summer Term</p> <ul style="list-style-type: none"> • Nutrition. • Eating for Health. • Sugar. • Food Groups. • Water and Fibre. • Poor nutrition signs. 	<ul style="list-style-type: none"> • Whole class discussion. • Individual focus Practical Tasks. • Problem-solving tasks • Investigation and Research activities. • Demonstration activities.

Equipment needed for lessons	What can you do to support your daughter?
<ul style="list-style-type: none"> • Standard school stationery • Calculator 	<ul style="list-style-type: none"> • Support with practical homework activities and organisation.

How will learning be assessed and progress measured?	Extension & Enrichment opportunities
<ul style="list-style-type: none"> • Baseline assessment in Autumn half-term 1 • Students will peer-mark some exercises • Key homework tasks will be graded using the NGHS Marking Policy • Final outcomes assessment with targets for development. 	<ul style="list-style-type: none"> • In-class extension tasks that are appropriate to activity and thought-provoking for early finishers. • Coaching opportunities during lesson. These often lead to ambassadors for the subject in later years.

If you have any questions about this Learning Overview, please contact the named Teacher above.