

Year 9 Curriculum Overview [2021-2022]
Subject – Technology

Knowledge & Understanding			Literacy Skills	Employability Skills [if any]	Assessment Opportunities
Composites	Components [includes understanding of KEY concepts & subject specific vocab]	Formal Retrieval [if any]	Opportunities for developing literacy skills		
9 Lessons – Food – Food Safety and High-Risk Food					
<ul style="list-style-type: none"> Principles of food safety Savoury dishes Application of cooking techniques 	<ul style="list-style-type: none"> High risk foods Signs and symptoms of food poisoning Bacterial multiplication Hygiene procedures Personal hygiene Food storage Heat transfer Use of equipment Use of food probe 	<ul style="list-style-type: none"> Measures to reduce bacterial spread. Application of skills Safety 	<ul style="list-style-type: none"> Presenting information in an easily accessible format. Interpreting written instruction. Listening skills. Communication skills. 	<ul style="list-style-type: none"> Following instructions. Time management. Teamwork. 	<ul style="list-style-type: none"> Formative practical assessment – 4 tasks Summative theory assessment – Lesson 9

9 Lessons – Design Technology – CAD Phone Holder

<ul style="list-style-type: none"> • Design Skills 	<ul style="list-style-type: none"> • 2 Point perspective • Computer Aided Design 	<ul style="list-style-type: none"> • 1 point perspective • Measurements • Technical drawing skills • Vector Graphics 	<ul style="list-style-type: none"> • Reading for research • Listening skills • Conveying ideas 	<ul style="list-style-type: none"> • Independent work 	<p>Summative theory assessment – Lesson 9</p>
<ul style="list-style-type: none"> • Materials – Timber 	<ul style="list-style-type: none"> • Hardwoods • Softwoods • Manufactured Boards 				<p>Assessment of final product:</p> <ul style="list-style-type: none"> • Phone holder
<ul style="list-style-type: none"> • Computer Aided Design 	<ul style="list-style-type: none"> • Computer Aided Design • Scale • Measurements 				

9 Lessons – Computing – Data Management

<ul style="list-style-type: none"> • Spreadsheets • Databases 	<ul style="list-style-type: none"> • Formatting • Formulas • Functions • Modelling • Adding, editing and deleting records • Queries • Reports • Forms 	<ul style="list-style-type: none"> • Files and folders • Screenshots • Annotating 	<ul style="list-style-type: none"> • Listening and interpretation • Logic 	<ul style="list-style-type: none"> • Data management • Data integrity 	<p>Summative theory assessment – Lesson 9</p> <ul style="list-style-type: none"> • Annotated Database and spreadsheet assignments
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9 Lessons – Design Tech - Sportswear

<ul style="list-style-type: none"> • Research and exploration • Design Strategies • Material properties 	<ul style="list-style-type: none"> • Colour trends • Sustainability • Ergonomics • User centred design • Product development cycle • Stretch/wick/warmth • Sustainability vs price vs performance 	<ul style="list-style-type: none"> • Materials • Design steps • Colour pickers 	<ul style="list-style-type: none"> • Presentation skills • Target audience 	<ul style="list-style-type: none"> • Research • Independent learning 	<p>Summative theory assessment – Lesson 9</p> <p>Project assessment:</p> <ul style="list-style-type: none"> • Annotated designs for a sports top
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