

**Year 7 Curriculum Overview [2020-2021]**  
**Subject – Technology - Computing**

Knowledge & Understanding			Literacy Skills  Opportunities for developing literacy skills	Employability Skills [if any]	Assessment Opportunities
Composites	Components  [includes understanding of KEY concepts & subject specific vocab]	Formal Retrieval [if any]			
<ul style="list-style-type: none"> <li>Vector Graphics</li> </ul>	<ul style="list-style-type: none"> <li>Shapes</li> <li>Freeform pen tools</li> <li>Colours (Fill and Stroke)</li> <li>Moving/rotating/transforming</li> <li>Combining/manipulating shapes</li> </ul>	<ul style="list-style-type: none"> <li>Shapes</li> <li>File and folder structure</li> </ul>	<ul style="list-style-type: none"> <li>Listening to instructions</li> <li>Following written instructions</li> <li>Verbal reasoning</li> </ul>	<ul style="list-style-type: none"> <li>Graphic design</li> <li>Independent study</li> </ul>	<p>Assessment of final product:</p> <ul style="list-style-type: none"> <li>Edited bitmap graphic combined with vector graphic</li> </ul>

**Year 7 Curriculum Overview [2020-2021]**  
**Subject – Technology - Food**

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		
<ul style="list-style-type: none"> <li>Principles of nutrition.</li> </ul>	<ul style="list-style-type: none"> <li>Proteins</li> <li>Fats</li> <li>Carbohydrates</li> <li>Vitamins A,B,C and D</li> <li>Minerals (calcium and iron)</li> </ul> <p>(Function, Source, Deficiency, Excess of nutrients, Nutritional analysis)</p>	<p>Lesson 1 – The Eatwell plate  Lesson 2 - Proteins  Lesson 3 - Fats  Lesson 4 - Macro nutrients  Lesson 5 - Nutrients</p>	<ul style="list-style-type: none"> <li>Presenting information in an easily accessible format.</li> <li>Short response writing</li> <li>Extended written responses</li> <li>Reporting facts</li> <li>Arguing for / against - persuasive writing</li> <li>Listening skills.</li> <li>Communication skills.</li> </ul>	<ul style="list-style-type: none"> <li>Following instructions.</li> <li>Time management.</li> <li>Team work.</li> <li>Logical thinking – process of elimination</li> </ul>	<ul style="list-style-type: none"> <li>Retrieval activities in each lesson</li> <li>Formative feedback – marking work</li> </ul>

**Year 7 Curriculum Overview [2020-2021]**  
**Subject – Technology - STEM**

Knowledge & Understanding			Literacy Skills  Opportunities for developing literacy skills	Employability Skills [if any]	Assessment Opportunities
Composites	Components  [includes understanding of KEY concepts & subject specific vocab]	Formal Retrieval [if any]			
<ul style="list-style-type: none"> <li>Number work</li> </ul>	<ul style="list-style-type: none"> <li>Addition</li> <li>Subtraction</li> <li>Multiplication</li> <li>Division</li> <li>Decimals</li> </ul>	<ul style="list-style-type: none"> <li>Flash back 4</li> <li>Mathsbox skills</li> </ul>	<ul style="list-style-type: none"> <li>.Key words –learned and understood</li> <li>Encourage use of subject language</li> <li>Questioning</li> <li>Pupil explanations and reasoning</li> </ul>	<ul style="list-style-type: none"> <li>Jobs that require basic number skills e.g. Checkout assistant</li> </ul>	<ul style="list-style-type: none"> <li>Retrieval activities in each lesson</li> <li>Whiteboards</li> </ul>