

SUBJECT: ICT					
LONG TERM PLAN	Number of lessons	Acquired knowledge – build in opportunities to revisit & sequence carefully	Acquired Skills – embed, revisit and build in checks to ensure they have acquired them	AP Assessment – What have they learnt and remembered?	Extra- curricular links: <div style="background-color: yellow; padding: 2px;">School values</div> <div style="background-color: green; padding: 2px;">CEIAG</div> <div style="background-color: cyan; padding: 2px;">Trips</div> <div style="background-color: blue; padding: 2px;">Links to local context</div> <div style="background-color: purple; padding: 2px;">Working across subjects</div>
Year 8 Term 1	1 per week	<p>Database</p> <p>Digital Literacy</p> <p>Data Representation</p> <p>National Curriculum</p>	<p>Develop database skills</p> <p>Databases structure</p> <p>rows columns</p> <p>Forms</p> <p>Queries</p> <p>Reports</p> <p>Binary</p> <p>Binary addition</p> <p>ASCII representation</p> <p>Bitmaps</p> <p>Digital sound</p>	<p>Students will be tested at the end of each unit of the work they have completed for that unit, any gaps in learning will be identified and bespoke intervention will be created for students to close the gaps.</p> <p>At the end of the term a test will be completed covering all aspects of work covered during the term. This result will be used for PR data.</p>	<p>Resilience built.</p> <p>Think/ pair/share with modelling.</p> <p>Links learning for life and personal development</p> <p>This is being taught first to obtain the basic understanding of using a computer, including key board skills and become proficient in the use of Microsoft packages to assist when needed in other subjects</p>
Year 8 Term 2	1 per week	<p>Online Safety</p> <p>National Curriculum</p>	<p>Online abuse</p> <p>Phishing</p> <p>Sexting</p> <p>Gaming</p> <p>Online predators</p> <p>Prevention strategies</p>	<p>Students will be tested at the end of each unit of the work they have completed for that unit, any gaps in learning will be identified and bespoke intervention will be created for students to close the gaps.</p>	<p>Resilience built.</p> <p>Think/ pair/share with modelling.</p> <p>Links learning for life and personal development</p> <p>This is being taught first to obtain the basic understanding of using a computer, including key board skills and become proficient in the</p>

		Excel 2 Digital Literacy	Focus on functions Average/min/max H lookup V lookup Application of modelling skills Linking with other documents	At the end of the term a test will be completed covering all aspects of work covered during the term. This result will be used for PR data.	use of Microsoft packages to assist when needed in other subjects
Year 8 Term 3	1 per week	IT Systems National Curriculum Python National Curriculum	Understand computer design Look at components Look at how software is used Look at computer networking Break down problems into simple code Variable types String manipulation Use of functions IF/Else Use of sequence & selection	Students will be tested at the end of each unit of the work they have completed for that unit, any gaps in learning will be identified and bespoke intervention will be created for students to close the gaps. At the end of the term a test will be completed covering all aspects of work covered during the term. This result will be used for PR data.	Resilience built. Think/ pair/share with modelling. Links learning for life and personal development This is being taught first to obtain the basic understanding of using a computer, including key board skills and become proficient in the use of Microsoft packages to assist when needed in other subjects