

**Kings College ICT: Year 7 & 8 Curriculum Overview 2022-23**

**Curriculum Intent:** The ICT Department offers a broad curriculum that does the following:

- Students learn key skills within the Microsoft Word, PowerPoint and Excel applications, to enable them to work effectively within school, home and work environments.
- They also follow a programme of online safety and protection. Students build core key skills such as building a simple file structure and organising work, using email and working on school online platforms.
- Additionally, students learn how to use the basic Microsoft package to be able to enhance their school work across all subjects and to enable access to other learning at home or in future employment.
- ICT staff provide feedback during lessons via group work, individually, using online assessment software and via assessments.

Year 7	Term 1		Term 2		Term 3	
	Module 1 [4 lessons]	Module 2 [4 lessons]	Module 3 [4 lessons]	Module 4 [4 lessons]	Module 5 [4 lessons]	Module 6 [4 lessons]
	<b>File and Folder Structure &amp; E-Safety</b>	<b>Word</b>	<b>PowerPoint</b>	<b>PowerPoint</b>	<b>Excel</b>	<b>Excel</b>
<b>Content</b>	<ol style="list-style-type: none"> <li>File &amp; folder names</li> <li>File organisation</li> <li>Online Safety</li> </ol>	<ol style="list-style-type: none"> <li>Developing layouts</li> <li>Applying labels, headers, footers, page numbers, bookmarks</li> <li>Applying text styles &amp; formats</li> <li>Adding, formatting and modifying tables, images, WordArt, charts</li> <li>Apply skills to create a newspaper article</li> </ol>	<ol style="list-style-type: none"> <li>Creating templates &amp; consistent styles</li> <li>Adding, formatting and modifying tables, images, charts and animated images</li> <li>Applying slide animation, transitions and timings</li> </ol>	<ol style="list-style-type: none"> <li>Manual and automated animation &amp; slide transitions</li> <li>Cropping and modifying images</li> <li>Navigation - using action buttons</li> <li>Using internal and external hyperlinks</li> <li>Create Interactive PowerPoint Quiz/show</li> </ol>	<ol style="list-style-type: none"> <li>Navigating Excel</li> <li>Collecting and entering data</li> <li>Adding, formatting and modifying cells</li> <li>Creating a data table</li> </ol>	<ol style="list-style-type: none"> <li>Labelling data tables &amp; sheets</li> <li>Graphical representation of data</li> <li>Applying basic formulas</li> <li>Sorting and filtering data</li> </ol>
<b>Feedback Points</b>	End of unit assessment	End of unit assessment	End of unit assessment	End of unit assessment	End of unit assessment	End of unit assessment
<b>Key Questions</b>	<ol style="list-style-type: none"> <li>How do we keep data safe?</li> <li>How do we organise data appropriately?</li> </ol>	<ol style="list-style-type: none"> <li>How does it work?</li> <li>What can we use Word for other than the basics?</li> </ol>	<ol style="list-style-type: none"> <li>How does it work?</li> <li>What can we use PowerPoint for other than the basics?</li> </ol>	<ol style="list-style-type: none"> <li>How can we link it to external sources?</li> <li>How can it be more productive for us?</li> </ol>	<ol style="list-style-type: none"> <li>How does it work?</li> <li>What can we use Excel for other than the basics?</li> </ol>	<ol style="list-style-type: none"> <li>How can we use it to generate graphical information?</li> <li>How do we utilise it to do the work for us?</li> </ol>
Year 8	Term 1		Term 2		Term 3	
	Module 1 [4 lessons]	Module 2 [4 lessons]	Module 3 [4 lessons]	Module 4 [4 lessons]	Module 5 [4 lessons]	Module 6 [4 lessons]
	<b>File and Folder Structure &amp; E-Safety</b>	<b>PowerPoint &amp; Graphics</b>	<b>Excel</b>	<b>Excel</b>	<b>Application Project &amp; Flowcharts</b>	<b>Game Programming</b>
<b>Content</b>	<ol style="list-style-type: none"> <li>File &amp; folder names</li> <li>File organisation</li> <li>Online Safety</li> <li>Computer crime and security</li> </ol>	<ol style="list-style-type: none"> <li>Recap Yr7 PowerPoint skills</li> <li>Create looping shows for an audience</li> <li>Create a Mouse-over maze</li> <li>Create a touch screen user interface for a specific subject and audience</li> <li>Create an interactive card turning game</li> <li>Create a digital magazine</li> <li>Understanding magazine terms and layout</li> <li>Advanced use of PowerPoint graphics</li> <li>Use of Pixlr to modify graphics</li> </ol>	<ol style="list-style-type: none"> <li>Create and conduct survey to gather information</li> <li>Formatting and modifying cells</li> <li>Apply conditional formats</li> <li>Applying formulas to solve a problem</li> </ol>	<ol style="list-style-type: none"> <li>Develop and apply a variety of spreadsheets</li> <li>Create data dashboard</li> <li>Add drop down menus</li> <li>Creating forms and adding form controls</li> <li>Drop down menus</li> <li>Spinners</li> <li>Check box</li> <li>Radio buttons</li> <li>Create pivot tables to display data</li> <li>Apply slicer and timeline</li> </ol>	<ol style="list-style-type: none"> <li>Use a variety of research and apps to capture, format, analyse and report data and information</li> <li>Understanding data flow charts</li> <li>Create digital solutions to problems</li> </ol>	<ol style="list-style-type: none"> <li>Create basic game concept</li> <li>Create characters &amp; movement</li> <li>Develop frame background</li> <li>Apply conditions to characters and game objects</li> <li>Add score, lives and timers</li> </ol>
<b>Feedback Points</b>	End of unit assessment	End of unit assessment	End of unit assessment	End of unit assessment	End of unit assessment	End of unit practical
<b>Key Questions</b>	<ol style="list-style-type: none"> <li>How do we keep data safe?</li> <li>How are we vulnerable to attack?</li> </ol>	<ol style="list-style-type: none"> <li>How does it work?</li> <li>What sort of data can it use?</li> <li>How does it sort information?</li> <li>How can we apply it in everyday life?</li> </ol>	<ol style="list-style-type: none"> <li>How can we use it to gather information and organise it?</li> <li>How do we utilise it to do the work for us?</li> </ol>	<ol style="list-style-type: none"> <li>How can we use it to gather information and organise it?</li> <li>How do we utilise it to do the work for us?</li> </ol>	End of unit preparation,	<ol style="list-style-type: none"> <li>How does Scratch work?</li> <li>What can we do with it?</li> </ol>