

ICT Curriculum Map 2021- 2022

Key Stage 3

Year	Half term 1	Half term 2	Half term 3	Half term 4	Half term 5	Half term 6
7	<p>School Project (Ghost)</p> <ul style="list-style-type: none"> Files handling Web Quest – reliability and validity of information on the web Web Quest – research on various technologies used in sports (athletics). How to use teams Email etiquette <p>E-safety & Formatting Health and Well-being and how to be a modelled citizen including equality and diversity</p> <p>Create a presentation staying safe online.</p>	<p>Python Programming (Stings, Print, Variables, Selection & Turtle)</p> <p>(Problem-solving skills/ creative thinker skill)</p> <ul style="list-style-type: none"> Write several programs to solve various problems 		<p>Spreadsheet Modelling</p> <ul style="list-style-type: none"> Create several models in SS 	<p>Small Basic</p> <p>Write several programs in another language and produce drawings using codes.</p> <ul style="list-style-type: none"> Making decision Repeating Graphics Turtle Graphics Subroutines Arrays 	<p>Scratch Programming</p>
8	<p>Functional Skills</p> <ul style="list-style-type: none"> File Management Create a poster in MS Publisher Spreadsheet 	<p>E-safety & Formatting Health and Well-being and how to be a modelled citizen</p> <ul style="list-style-type: none"> Create a leaflet on staying safe online and the danger of 	<p>Python Programming cont., (Stings, Print, variables, Selection & Turtle)</p>	<p>HTML & CSS Web Design & Programming</p> <ul style="list-style-type: none"> Use web development software to create a website on input, output 	<p>Game Maker</p> <ul style="list-style-type: none"> Create various games using game maker software. This involves creating own sprites and 	<p>Computational Thinking</p> <ul style="list-style-type: none"> Solve various problem problems using abstraction, decomposition, pattern

	<ul style="list-style-type: none"> How to submit work on teams? <p>Non-ICT Lesson Binary Data Representation Carry out calculations and understand how computer interpret information</p>	<p>meeting people online. More emphasis on social media platform. Including equality and diversity</p> <p>Non-ICT Lesson Review of commonly use social media applications</p> <ul style="list-style-type: none"> terms and condition. Benefits and drawback to organisations and individuals Create storyboard <p>Flowchart Algorithms to create various instructions in everyday situations.</p> <p>Python Programming (Stings, Print, variables, Selection & Turtle)</p>		<p>and storage devices.</p>	<p>intermediate codes</p>	<p>recognition, algorithms</p>
<p>9</p>	<p>Functional Skills</p> <ul style="list-style-type: none"> File Management Email etiquette Spreadsheet How to submit work on teams? 	<p>E-safety & Formatting Health and Well-being and how to be a modelled citizen</p> <p>Create a newsletter on staying safe online. Also, incorporating anti-bullying. Also equality and diversity.</p>	<p>Mobile Phone Applications</p> <ul style="list-style-type: none"> Create mobile app for phone using appshed 	<p>Intermediate - Python Programming (Stings, Print, variables, Selection & Turtle)</p>	<p>HTML, Advanced CSS & Javascript</p> <ul style="list-style-type: none"> Create an online radio station with web development software 	<p>Game maker</p> <ul style="list-style-type: none"> Create a maze and platform game (Advance level)

	Non-ICT Lesson Data Representation & Computer (intermediate)					
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