

Computing Overview 2020-2021

	Autumn	Spring	Summer
Year 1	<ul style="list-style-type: none"> - Log on independently. - Using the Bee-bots on a pirate map. Positional language (CP). -Access curriculum Apps independently and navigate correctly. - Computer component names. -Creating algorithms. <p>Science: Publish information about how leaves change colour & the seasons. Green screen weather forecast.</p> <p>-PSHE- Staying Safe: Internet Safety.</p> <p>ART -Use a program such as Paint to create a picture.</p>	<ul style="list-style-type: none"> -Access curriculum Apps independently and navigate correctly. -Stranger Danger, Internet Safety. -Browser skills: open, minimize, maximize, scroll, forward, back, close. <p>Geography – Where do leaves go in winter. Green screen to produce a news bulletin.</p> <p>Art – Sculpture: -Browser skills: open, minimize, maximize, scroll, forward, back, close.</p> <p>MGL (Educational Consultant) to add additional teaching this term.</p>	<ul style="list-style-type: none"> -Access curriculum Apps independently and navigate correctly. <p>History-Research using search engines to collect information and publish information about Kitty Wilkinson.</p> <p>Science-Draw & Label parts of a plant using 2Simple / Purple Mash.</p> <p>Geography & Kenya. -Google Maps</p> <p>Science -Life cycle of a plant research using search engines.</p>
Year 2	<p>Literacy Bog Baby-Writing a set of instructions using Microsoft Word.</p> <ul style="list-style-type: none"> -Typing using 1 finger 2 hands. -Navigate the keyboard -Navigate using the touchpad. <p>Literacy -Use green screen to create own story of Jim & The Beanstalk.</p> <ul style="list-style-type: none"> -Internet Safety, use technology safely and respectfully, learn who to go to for help. -Coding using scratch. <p>ART-Christmas card creation using painting and creative packages.</p> <p>MATHS-TTRS – links to time tables.</p>	<p>Maths-Graphing, picture graphs created using Purple Mash. 2Graph.</p> <p>Maths -Use technology purposefully to create, organise, store, manipulate and retrieve digital content.</p> <p>History -Successfully search the internet to collate facts about Rosa Parks/Mary Seacole.</p> <p>Geography the Nest Kenya -Communicating & The Web</p> <p>MGL (Educational Consultant) to add additional teaching this term.</p>	<p>Literacy - Researching on the Internet and making fact sheets about the Titanic.</p> <p>PSHE Responsibility-Internet Safety, use technology safely and respectfully, learn who to go to for help.</p> <p>Geography-Design a leaflet about Southport or Liverpool using purple mash or PowerPoint presentation.</p>
Year 3/ Year 4	<p>Maths -Sphero -Problem Solving & The Real World</p> <p>Art – Using purple mash create a leaflet about the features of Georgia O’Keefe paintings.</p> <p>PSHE – Respect. Safety online</p> <p>MGL (Educational Consultant) to add additional teaching this term. -Coding - design, write and debug programs that accomplish specific goals, including</p>	<p>MATHS-TTRS – links to time tables.</p> <p>Geography –Research using Internet browser & Share information about the London.</p> <p>History- Using Sketch up create an Anglo-Saxon settlement.</p> <p>PSHE – Using purple mash to create an information fact file.</p>	<p>Literacy – SKYPE / Zoom / Teams - Saviour Pirotta OLI author.</p> <p>Maths-TTRS links to time tables.</p> <p>-Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the</p>

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	controlling or simulating physical systems; solve problems by decomposing them into smaller parts. MATHS -TTRS – links to time tables.	Art - -Research famous artist using browser safely.	opportunities they offer for communication and collaboration. Geography – Green screen: present a news bulletin about climate change.
Year 5	Geography/ Literacy/ Art -Macbooks: basic skills (typing, opening and closing programme, using the internet safely). Navigating the screen and double click mouse pad. History -Research skills – Ancient Egypt PSHE -Internet safety – knowing the credibility of information I am reading. MATHS -TTRS – links to time tables.	History -Researching the Mayans and sharing the information in a PowerPoint presentation. Maths -Collecting, exploring and recording data Spreadsheet and graphs. -Presenting findings Excel. ART -Create Digital Pop Art using Henri Rousseau. -Online photo editing PSHE – Animation using ZU3D MATHS -TTRS – links to time tables. PSHE: Fake news Macbooks – basic skills (increased typing speed and accuracy, opening and closing programme, using the internet safely). Navigating the screen and double click mouse pad.	MGL (Educational Consultant) to add additional teaching this term. -Coding, Gaming and Robotics. -3D Moon world in Kodu. Link – Earth & Space Kodu. History -Create & Share Digital Artefacts. Geography - using cameras to photograph the landscape and skyline from school. Macbooks – basic skills (increased typing speed and accuracy, opening and closing programme, using the internet safely). Navigating the screen and double click mouse pad. MATHS -TTRS – links to time tables.
Year 6	MATHS -TTRS – links to time tables. Science -Research and present Evolution. Maths / SPAG / Purple Mash DT - CAD	MGL (Educational Consultant) to add additional teaching this term. MATHS -TTRS – links to time tables. PSHE - E safety and social media ART- Painting – use powerpoint to produce a presentation. Produce, edit & publish media. -Create a website using Komposer and HTML. History -Create and share digital artefacts.	SATS MGL (Educational Consultant) to add additional teaching this term. MATHS -TTRS – links to time tables. -Podcasting using AUDACITY. -Programming, Coding, Gaming and Robotics. -Creating algorithms in Scratch to make a game.