



Computing

Curriculum: Year A



Cherry Trees Computing Curriculum

Class	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Blue (Early Years)	<p style="text-align: center;"><u>Knowing Me</u></p> <p>Technology in our lives Children to explore technology in our school.</p> <p>Children to be introduced to our IWB's, Sensory room, iPads and hub.</p> <p>Visit areas of school and go on a screen hunt.</p> <p>Children to look at photos of themselves.</p> <p>Children to look at their own image on large screens and try and identify.</p> <p>Extend to children taking photos using the iPads. 'Selfie style'.</p> <p>Cross Curriculum</p> <ul style="list-style-type: none"> • iPad App Singing Fingers • Purple Mash My face jigsaw. 	<p style="text-align: center;"><u>5.4.3.2, I Blast Off!</u></p> <p>Cause and Effect</p> <ul style="list-style-type: none"> ✓ I can interact with objects on screen. ✓ I can create objects on a screen. <p>Children to interact with the Eye gaze, IWB or iPads to exploring space themed images.</p> <p>Cross Curriculum</p> <ul style="list-style-type: none"> • Drawing stars app. • Purple mash Rocket. • HelpKidzlearn Space theme songs and counting games. <p style="text-align: center;">Monthly E-safety Newsletter Home to parents.</p>	<p style="text-align: center;"><u>Pets</u></p> <p>Touch Control</p> <ul style="list-style-type: none"> ✓ I can use technology to show my learning. <p>Children to explore helpkidzlearn using the IWB or touch screen computers in the hub to explore selecting, interacting and manipulating images on screen.</p> <p>Cross Curriculum</p> <ul style="list-style-type: none"> • Purple Mash 2Paint Projects – Fish • Purple Mash – pets jigsaws • Bug club pictures books – pets. • Purple Mash – Games – Simple City – Vets <p style="text-align: center;">Monthly E-safety Newsletter Home to parents.</p>	<p style="text-align: center;"><u>Over the Rainbow</u></p> <p>E-safety Think You Know - Lee and Kim's Adventures Animal Magic - https://www.thinkuknow.co.uk/5_7/leeandkim/</p> <p>Children to explore the different activities and games linked to the avatars.</p> <p>Role play – masks, small world.</p> <p>Cross Curriculum</p> <ul style="list-style-type: none"> ✓ Purple Mash 2paint – Rainbow ✓ Dark room – colour displays <p style="text-align: center;">Monthly E-safety Newsletter Home to parents.</p>	<p style="text-align: center;"><u>Octopus Garden</u></p> <p>iPad</p> <ul style="list-style-type: none"> ✓ I can interact with objects on screen. ✓ I can create objects on a screen. ✓ I can identify icons. <p>Children to explore apps – Fluidity, Finger Paint and Draw Stars to explore mark making using ICT.</p> <p>Cross curriculum</p> <ul style="list-style-type: none"> ✓ Purple Mash – Under the sea jigsaws ✓ Espresso – counting fish EYFS <p style="text-align: center;">Monthly E-safety Newsletter Home to parents.</p>	<p style="text-align: center;"><u>Ugly Bug Ball</u></p> <p>Switch Control</p> <ul style="list-style-type: none"> ✓ I can explore simple programming. <p>Children to explore the different switch activities on SEN ICT using single and dual switches.</p> <p>PECs, photographs or pictures to be used to order how to make the music happen etc.</p> <p>This is evidence of a simple algorithm.</p> <p>Cross Curriculum</p> <ul style="list-style-type: none"> • Bug club phonics • Topmarks.co.uk – counting ladybird spots. <p style="text-align: center;">Monthly E-safety Newsletter Home to parents.</p>



Cherry Trees Computing Curriculum

	<ul style="list-style-type: none"> Purple Mash – Paint Projects Harvest Basket App – Bla Bla Bla <p>Monthly E-safety Newsletter Home to parents.</p>					
Red (Years 1 & 2)	<p><u>Autumn Explorers</u></p> <p>E-Safety Use technology safely and respectfully, keeping personal information private.</p> <p>Know where to go for help and support when they have concerns about content or contact on the internet or other online material.</p> <p>Vocabulary - E-safety, Online safety, Password, adults we trust. Stranger danger.</p> <p>Acceptable Use policy shared with children including Internet use policy.</p>	<p><u>Winter Warmers</u></p> <p>Multimedia Use technology purposefully to create, organise, store, manipulate and retrieve digital content</p> <p>Using Paint tools to create a picture (1) Adding text (2) Retrieving, editing and saving work (3) Using apps to create simple animations (4-6) http://www.abcya.com/animate.htm</p> <p>E-safety Focus – Stage 1 and 2 ‘Keep it private’ Focus 3 - passwords.</p> <p>Vocabulary – save, file, document, app, font, colour, size.</p>	<p><u>To Infinity and Beyond</u></p> <p>Programming and coding - Bee bots Purple Mash 2Go (Space themed)</p> <ol style="list-style-type: none"> Controlling a device (movement / patterns) Creating instructions Recording instructions Predicting instructions needed to complete a task <p>E-safety - App safety.</p> <p>Vocabulary – programming, Bee Bot, left, right, forward, backwards, go, instructions.</p>	<p><u>Knight Fever</u></p> <p>Technology in our Lives - Recognising different technology at home, at school and in the environment</p> <p>Understanding the purpose of the Internet and how it can be used - Finding an image - Introduce Kiddle, swiggle - searching for information</p> <p>E-safety – Safe internet use – Stage 1 and 2 internet Focus 1.</p> <p>Vocabulary - technology, internet, world wide web, Kiddle, swiggle,</p>	<p><u>Pirates</u></p> <p>Key Skills</p> <ul style="list-style-type: none"> ✓ Logging on and off ✓ Typing skills ✓ Mouse control ✓ Saving and printing work ✓ Use App to take pictures – Pirate app. <p>E-safety – logging on keeping data private.</p> <p>Vocabulary – log on/off, shut down, password, private, keyboard, mouse, mouse pad, save, file, print, photocopier.</p>	<p><u>The Land of Rhyme</u></p> <p>Data Handling Take photographs, video and record sound to record learning experiences → Link to ‘Plants’ topic in Science</p> <p>Purple Mash - Collect data, generate graphs and charts to find answers.</p> <p>Explore graphs and data using topmarks.co.uk</p> <p>E-safety – sharing photos and storing them safely.</p> <p>Vocabulary – photos, camera, video, microphone.</p>



Cherry Trees Computing Curriculum

				safesearch, search engine, image.		
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Class	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Green	<p><u>Journeys</u></p> <p><u>E-Safety</u> Children to explore the acceptable use policy and learn about the monitoring systems used in school.</p> <p>Pupils explore reasons why people use passwords, learn the benefits of using passwords, and discover strategies for creating and keeping strong, secure passwords.</p> <ul style="list-style-type: none"> ✓ understand why people need to be safe online ✓ I can create something that tells people how to stay safe. 	<p><u>Frozen Planet</u></p> <p><u>Key Skills – Information Technology</u> To continue to develop typing speed and accuracy to enable independent and efficient access to a computer.</p> <p>To understand the purpose of, and begin to independently use a range of different technology.</p> <ul style="list-style-type: none"> ✓ I can use a mouse. ✓ I can use a keyboard. ✓ I can launch an application ✓ I can save a file ✓ I can print a document. ✓ I can use a photocopier. 	<p><u>Amazing Animals</u></p> <p><u>Programming – Scratch Jnr Programming</u> <u>Scratch-</u> Focus - to follow precise instructions. During the sequence, children will predict what will happen and afterwards begin adding or editing their own characters and backgrounds.</p> <p><u>E-Safety – Safe search – How to use search engines safely.</u></p> <p><u>Vocabulary – Scratch, program, code, instructions, system, goals, debug, problem.</u></p>	<p><u>Out of this world</u></p> <p><u>E-safety</u> Pupils explore what it means to be responsible for and respectful of their offline and online communities as a way to learn how to be good digital citizens</p> <ul style="list-style-type: none"> ✓ I can explain the difference between acceptable and unacceptable behaviour (when using technology) <p><u>Vocabulary - online community, behaviour, acceptable, unacceptable, digital citizen, bullying.</u></p>	<p><u>Terrific Time Travellers</u></p> <p><u>Multimedia - Computer Art Making Music</u> To be introduced to making music digitally using 2Sequence (Purple Mash).</p> <p>To explore, edit and combine sounds using 2Sequence.</p> <p>To upload a sound from a bank of sounds into the Sounds section.</p> <p>To record their own sound and upload it into the Sounds section.</p> <p>To create their own tune using the sounds which they have added to the Sounds section.</p>	<p><u>Colour, Shimmer & Shine</u></p> <p><u>Multimedia - Presentation skills</u> I can change the appearance of text to increase its effectiveness.</p> <p>I can use photos, video and sound to create an atmosphere when presenting to different audiences.</p> <p>Children to explore Powerpoint, imovie to create presentations.</p> <p><u>E-Safety – Focus – appropriate and inappropriate content. What to do if content upsets you.</u></p> <p><u>Vocabulary – Powerpoint, presentation,</u></p>



Cherry Trees Computing Curriculum

	<p>Vocabulary – acceptable use, policy, agreement, digital member, password, safety, private.</p> <p>Acceptable Use policy shared with children including Internet use policy</p>	<p>E-Safety – Cyber bullying</p> <p>Vocabulary – keyboard, mouse, mouse pad, save, file, document, printer, photocopier.</p>			<p>E-Safety – Storing videos and images safely.</p> <p>Vocabulary – digital, music, tune, sequence, save, upload.</p>	<p>imovie, sound, video, digital, presentation.</p>
<p>Purple (Years 5 & 6)</p>	<p><u>Egyptians</u></p> <p><u>E-Safety - Cyber Bullying</u> Children need an awareness of what cyber bullying means and how it can potentially occur.</p> <p>Children need to understand the potential consequences for all involved.</p> <p>Children need to be taught 'What to do if' they experience Cyber bullying or know of Cyber bullying happening.</p> <p>Children to be taught how to be a good digital citizen and how negative behaviour</p>	<p><u>Lights, Camera, Action!</u></p> <p><u>Multimedia – Stop Frame animation</u> Children to; Learn what stop frame animation is. Create a basic stop frame using grid club.</p> <p>Practice using stop frame equipment to make very simple sequence.</p> <p>Practice using stop frame equipment to make very simple sequence.</p> <p>Create storyboard. Plan what is needed for their stop frame.</p> <p>Create props</p>	<p><u>Space – 5,4,3,2,1</u></p> <p><u>Key Skills – Information Technology</u> To continue to develop typing speed and accuracy to develop competency in typing.</p> <p>To understand the purpose of, and use independently, a range of different technology.</p> <p>To make choices about when to use technology, which piece(s) of technology to use, which software/tools they are going to use on the technology and</p>	<p><u>Righteous Royals</u></p> <p><u>Programming – Coding</u> <u>2CODE Purple Mash</u> To design and write a program that accomplishes a specific goal.</p> <p>To design and write a program that simulates a physical system.</p> <p>To use repetition commands To introduce 'If' statements.</p> <p>Debugging.</p> <p>To introduce variables.</p> <p><u>A.I.E.X – App programming –</u> Children to play and create simple games</p>	<p><u>Magic</u></p> <p><u>Programming – Scratch Jnr</u> Create content that accomplish given goals.</p> <p>Solve problems by decomposing them into smaller parts.</p> <p>Write and debug programs that accomplish specific goals.</p> <p>Design, write and debug programs that accomplish specific goals.</p> <p>Children to create a Maze game by writing an algorithm for multiple characters and</p>	<p><u>Groovy Greeks</u></p> <p><u>Multimedia – Email</u> Pupils will be taught to think about different methods of communication.</p> <p>To open and respond to emails.</p> <p>To write an email to someone using an address book.</p> <p>To learn how to use email safely.</p> <p>To add an attachment to an email.</p> <p><u>E-Safety – Email safety – What to do if.... And appropriate content/usage.</u></p>



Cherry Trees Computing Curriculum

	<p>can affect their digital footprint.</p> <p>Vocabulary – Cyber bullying, trolling, online community, behaviour, acceptable, unacceptable, report, consequences.</p> <p>Acceptable Use policy shared with children including Internet use policy</p>	<p>Film animation using suitable software & hardware.</p> <p>E-Safety – Who's your audience – Children to learn about privacy settings and how to keep their information safe.</p> <p>Vocabulary – Animation, stop frame, camera, IPad, software, hardware, storyboard, props, backgrounds,</p>	<p>be able to explain their choices to others.</p> <p>E-Safety – Virus threats. Safe website search.</p> <p>Vocabulary - Word processing skills, Mouse control, Selecting, highlighting texts, Changing font, changing sizes, Powerpoint, Clicker, Word.</p>	<p>using simple programming using icons.</p> <p>E-Safety – Acceptable us policy – why it's important and what it means. Digital citizen work.</p> <p>Vocabulary – programming, code, debug, algorithm instructions, order, variables, commands, design, app, application.</p>	<p>backgrounds. (Purple Mash)</p> <p>E-Safety – Share content like blogs, Videos of creations including those on Scratch on an online platform. Who is watching?</p> <p>Vocabulary – Scratch, program, code, Algorithms, triggers, motions, end results, instructions, system, goals, debug, problem, Sprites.</p>	<p>Vocabulary – Email, internet, world wide web, inbox, sent, trash, draft, attachments.</p>
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Cherry Trees Computing Curriculum



Computing Curriculum: Year B



Cherry Trees Computing Curriculum

Class	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Blue (Early Years)	<p><u>Nursery Rhymes</u></p> <p>Technology in our lives Children to explore technology in our school. Children to be introduced to our IWB's, dark room, iPads and hub. Visit areas of school and go on a screen hunt.</p> <p>Technology in the environment Road crossings Using technology in the kitchen – microwave etc. Supermarket checkout – Community visits to explore technology around us.</p> <p>Introduced iPad CBEEBIES app</p> <p>Cross Curriculum</p> <ul style="list-style-type: none"> Youtube Nursery Rhyme songs. 	<p><u>Winter Wonderland</u></p> <p>Cause and Effect – mark making</p> <ul style="list-style-type: none"> ✓ I can create objects on a screen. ✓ I can identify icons. ✓ I can make purposeful marks on screen. <p>Using the IWB children will explore Purple Mash 2Paint Projects making purposeful marks. Children will be taught to;</p> <ul style="list-style-type: none"> • Use their index finger for touch control • Mark make in all directions. • Choose colours and patterns using icons. 	<p><u>Bucketful of Dinosaurs</u></p> <p>Touch Control</p> <ul style="list-style-type: none"> ✓ I can interact with objects on screen. <p>Clicker 6 matching pictures. Children to match PEC images of dinosaurs, illustrations and cartoon dinosaurs beginning with a choice of 2 and extend.</p> <p>Children to use index finger touch control on the touch screen PC's in class and in the hub.</p> <p>Cross Curriculum</p> <ul style="list-style-type: none"> • Purple Mash Dinosaur jigsaws 4 – 8 pieces • Purple Mash Paint projects 	<p><u>'Tickets Please' Transport</u></p> <p>E-Safety Smartie the Penguin http://kidsmart.org.uk/teachers/ks1/sources/index.htm</p> <p>Create a Smartie the Penguin image (e.g. 2Paint or Paint on Purple Mash) telling children to ask for help if anything unexpected happens when they are online.</p> <p>Make a display with an E-safety theme with penguin images for adults who can help us when we are online – Teachers/TA's/Parents etc</p> <p>Cross Curriculum</p> <ul style="list-style-type: none"> • Purple Mash 2paint – vehicles • Purple Mash – Garage 	<p><u>Food Glorious Food</u></p> <p>IPad</p> <ul style="list-style-type: none"> ✓ I can use technology to show my learning <p>Children to explore the camera feature on the iPad and take pictures of their topic related work - Food technology/ activities to make a photo story book.</p> <p>Use a book style app to make a class/group story to share on the IWB using Apple TV.</p> <p>Cross Curriculum</p> <ul style="list-style-type: none"> ✓ Clicker food matching activities. <p>Monthly E-safety Newsletter Home to parents.</p>	<p><u>Down in the Jungle</u></p> <p>Programming</p> <ul style="list-style-type: none"> ✓ I can explore simple programming. <p>Children to explore different RC toys focusing on directions forwards and backwards.</p> <p>Children on the sensory curriculum to explore simple switch/ cause and effect toys.</p> <p>Children to look at simple direction/control images. (go, stop, forwards, backwards.)</p> <p>Cross Curriculum</p> <ul style="list-style-type: none"> • Purple Mash 2Paint animals • Phonics play.co.uk dear zoo sounds.



Cherry Trees Computing Curriculum

	<ul style="list-style-type: none"> Purple Mash 2Paint Humpty Dumpty Mash Cam <p>Monthly E-safety Newsletter Home to parents.</p> <p>PEC Acceptable Use policy shared with children including Internet use policy</p>	<ul style="list-style-type: none"> Use width tool for pen / brush <p>Cross Curriculum</p> <ul style="list-style-type: none"> Switch IT Weather Purple Mash 2Paint Projects – Snowman, Christmas Tree Education City – Build a snowman <p>Monthly E-safety Newsletter Home to parents.</p>	<ul style="list-style-type: none"> Bug Club picture books – Harry and a bucket full of dinosaurs. <p>Monthly E-safety Newsletter Home to parents.</p>	<p>Monthly E-safety Newsletter Home to parents.</p>		<p>Monthly E-safety Newsletter Home to parents</p>
<p>Red</p> <p>(Years 1 & 2)</p>	<p><u>Africa</u></p> <p>Key skills</p> <ul style="list-style-type: none"> ✓ Touch control – app ✓ Mark making over Animals – Elephants Purple Mash ✓ Interactive stories and songs on the IWB. ✓ Log on/off using passwords. 	<p><u>Celebrations</u></p> <p>Multimedia</p> <p>Use technology purposefully to create digital content.</p> <p>Use technology purposefully to create, organise, store, manipulate and retrieve digital content.</p> <p>Paint skills – Colour magic.</p>	<p><u>Once Upon a Time</u></p> <p>Programming</p> <p>Bee bots Purple Mash 2Go Red Riding hood theme.</p> <ol style="list-style-type: none"> Controlling a device (movement / patterns) Creating instructions Recording instructions Predicting instructions needed to complete a task 	<p><u>The Land Before Time</u></p> <p>ESafety</p> <p>Use technology safely and respectfully, keeping personal information private.</p> <p>Digi Duck – logging off and on linked to story.</p> <p>Create display about keeping passwords/ secret and secure.</p> <p>Vocabulary – online safety, E-safety, password, log on/off,</p>	<p><u>Starry Night</u></p> <p>Technology in our lives</p> <p>Multimedia</p> <p>Word processing skills. Word and Clicker.</p> <p>Exploring key boards</p> <ul style="list-style-type: none"> - Typing letters - Typing name - Typing a sentence. - Typing to find an 	<p><u>Under the Sea</u></p> <p>Programming</p> <p>Daisy Dino app/ Beebot App</p> <p>Understand control devices follow instructions using a common language.</p> <p>Use logical reasoning to predict the behaviour of simple programs.</p> <p>E-safety – App safety, device safety – android/Ipad. Discussion about</p>



Cherry Trees Computing Curriculum

	<p>✓ Using icons – camera, favourite apps – Purple Mash Taking pictures using the iPad – Camera App, Purple Mash – Mashcam</p> <p>E-safety focus – password/ data protection.</p> <p>Vocabulary - App, touch screen, ipad, laptop, camera, web cam, log on/off, password, private</p> <p>Acceptable Use policy shared with children including Internet use policy</p>	<p>Interactive stories and songs on the IWB Interactive Christmas Calendar</p> <p>Mark making over Christmas Characters – Purple mash</p> <p>E-safety – ‘what to do if’ SMSC discussions around cyberbullying, stranger danger. Safe adults who can help.</p> <p>Vocabulary – icon, paint, tools, size, font, colour, save, print, file.</p>	<p>E-safety focus – online presence, avatars – Stage 1 and 2 Focus 4 – Lee and Kim.</p> <p>Vocabulary – Beebots programming, icon, background, character.</p>	<p>private, bullying, cyberbullying.</p>	<p>image on the internet.</p> <p>E-safety focus – safe internet search – link to typing in a search engine, swiggle/kiddle.</p> <p>Vocabulary – Key board, computer, laptop, type, typing, keys, Caps Lock, Space bar. E-safety, online safety, internet.</p>	<p>private messaging inside apps.</p> <p>Vocabulary – App, online safety, E-safety, programming, Instructions, forward, backwards, left, right.</p>
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Cherry Trees Computing Curriculum

Class	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Green (Years 3 & 4)	<u>Happy Healthy Me</u> Programming Coding – 2CODE Purple Mash Pupils will create unambiguous instructions like those required by a computer. To build one- and two-step instructions using the printable code cards. Introduction to coding. Introduction to block coding on screen. Introduce backgrounds and characters. Making a character move left and right.	<u>Victorian Wonderland</u> E-safety – Kidsmart Pupils will learn to use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour, identify a range of ways to report concerns and inappropriate behaviour. Explore the Kidsmart activities – Being Smart and Net Nasties. Learn the safe rules and create a poster/Powerpoint digitally. Individually or in a group. Vocabulary – E-safety, online safety, social media, cyber bullying,	<u>Let it Grow</u> Multimedia Pupils will create different effects with different technology tools. Combine a mixture of text, graphics and sound to share learning. Children to create films and books using a variety of apps and programs including Movie Makers, Book Creator and Veescape. E-Safety – Sharing photos on the internet – Social media dangers/ staying safe – discussions around sharing information.	<u>Chocoholics</u> Key Skills Information Technology Pupils will become skilful in using different tools to control technology. To begin to develop typing speed and accuracy to enable independent access to a computer. <ul style="list-style-type: none"> ✓ I can use a mouse. ✓ I can use a keyboard. ✓ I can launch an application ✓ I can save a file 	<u>The Great Outdoors</u> E- Safety My Online Community Pupils explore the concept that people can connect with one another through the Internet. They understand how the ability for people to communicate online can unite a community but also present danger. Thinkuknow resources – Hectors World/ Cyber Café. Vocabulary - E-safety, online safety, social media, chat rooms,	<u>The Big Top</u> Programming Turtle Logo Pupils understand what algorithms are; and that programs execute by following precise and ambiguous instructions. Create and debug simple programs. Use logical reasoning to predict the behaviour of simple programs Children use Turtle logo to create different algorithms for different shapes and then use the repeat command.



Cherry Trees Computing Curriculum

	<p>Making a character move when clicked.</p> <p>Ext for MA - Introduction to Collision Detection.</p> <p>E-safety – Acceptable use policy focus – Do's and Don'ts of responsible use. Including Internet use policy</p> <p>Vocabulary – programming, coding, code instructions, order.</p>	<p>trolling, private messaging, data, digital footprint.</p>	<p>Vocabulary – text, sound, app, colour, font, edit, E-Safety, sharing, social media, data, graphics.</p>	<p>✓ I can print a document.</p> <p>✓ I can use a photocopier.</p> <p>E-Safety – password safety.</p> <p>Vocabulary – keyboard, mouse, mouse pad, save, file, document, printer, photocopier.</p>	<p>email, skype, cyber bullying, trolling, private messaging, data, digital footprint.</p>	<p>(Twinkl and Purple Mash planning to support in Curriculum area ICT)</p> <p>E-Safety – True or False – Using search engines to find reliable information.</p> <p>Vocabulary - programming, code, instructions, order. MA – algorithm</p>
<p>Purple (Years 5 & 6)</p>	<p><u>Road Dahl</u></p> <p>E-Safety Social Media Children to explore the dangers surrounding social media.</p> <p>Children to learn about the different social media platforms available – Facebook, Twitter, Youtube, Pinterest. Reporting concerns – Strategies to stay safe on social media.</p>	<p><u>World War 2</u></p> <p>Key Skills Information Technology Become familiar with a range of devices, for example tablets, desktop computers, laptops, microphones, cameras etc and increasingly develop their independence and confidence in using these devices.</p> <p>Word Processing ✓ Learn the keys on the key board (Purple Mash)</p>	<p><u>Vikings & Anglo Saxons</u></p> <p>Programming Coding 2CODE Purple Mash To design and write a program that accomplishes a specific goal.</p> <p>To design and write a program that simulates a physical system.</p> <p>To use repetition commands.</p> <p>To introduce 'If' statements.</p>	<p><u>Scientists & Inventors</u></p> <p>Radicalization To understand that people online may not be who they say they are.</p> <p>To understand the dangers of giving out personal information online.</p> <p>To understand the dangers of spending too much time online.</p> <p>Radicalization through the</p>	<p><u>Superheroes</u></p> <p>Multimedia Augmented Reality To create a virtual presence using an APP.</p> <p>To import images from a shared area into an APP.</p> <p>To record my voice and move images on a IPad.</p> <p>To create a story board for a digital play.</p>	<p><u>What Do You Sea?</u></p> <p>Multimedia Design website Select, use and combine a variety of software (including Internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and</p>



Cherry Trees Computing Curriculum

	<p>Vocabulary – Social media, private messaging, trolling, cyberbullying, posts, share, settings.</p> <p>Acceptable Use policy shared with children including Internet use policy</p>	<ul style="list-style-type: none"> ✓ Understand how to type the title date and sentences. ✓ Editing - functions to correct work make text bigger smaller use colour ✓ Produce a piece of writing. <p>E-Safety – Web evaluation – children evaluate the content they are exploring.</p> <p>Vocabulary – device, laptop, computer, camera, type, keyboard, space bar, backspace, control, internet, world wide web, evaluate.</p>	<p>Debugging.</p> <p>To introduce variables.</p> <p>E-Safety – Filters and Photoshop – Children to learn about how images are changed and why this happens. – Positive body images and self-esteem – Link to SMSC</p> <p>Vocabulary – programming, code, debug, algorithm instructions, order, variables, commands, design.</p>	<p>internet/ gaming – PREVENT.</p> <p>Vocabulary – E-safety, online safety, social media, radicalization, PREVENT, extremists.</p>	<p>To make and produce a digital play using the IPad .</p> <p>To edit my saved files to make improvements.</p> <p>E-Safety – Games, films and ratings PEGI. Children to look at different age certificates and why they are important.</p> <p>Vocabulary – Apps, applications, characters, icons, video, audio, augmented reality.</p>	<p>presenting data and information.</p> <p>Create year 6 leaver video</p> <p>E-Safety – Miss use of Social media – Being impersonated and Impersonating others on social media, using other people’s accounts/ passwords.</p> <p>Vocabulary – Internet, web design, web page, design, data, presentation.</p>
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Computing

Whole-school coverage



Cherry Trees Computing Curriculum

YEAR A – 2018-2019, 2020-2021, 2022-2023

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Blue (Early Years)	Digital Literacy Technology in our lives Technology in the environment	Information Technology – multi media Cause and Effect – mark making	Information Technology – multi media Touch Control	Digital Literacy ESafety	Information Technology – multi media IPad	Computer Science Programming
Red (Years 1 & 2)	Digital Literacy ESafety	Information Technology – multi media Create, organise, store, manipulate and retrieve digital content.	Computer Science Programming	Information Technology – multi media Key Skills	Digital Literacy Technology in our lives.	Information Technology – multi media Data Handling
Green (Years 3 & 4)	Digital Literacy ESafety	Information Technology – multi media Key skills	Computer Science Programming	Digital Literacy ESafety	Information Technology – multi media Computer Art – making music	Information Technology – Multimedia - Presentation Skills
Purple (Years 5 & 6)	Digital Literacy ESafety	Information Technology Multimedia – Stop Frame animation	Digital Literacy Technology in our lives.	Computer Science Programming	Computer Science Programming	Information Technology Multimedia – Email



Cherry Trees Computing Curriculum

YEAR B– 2017-2018, 2019-2020, 2021-2022

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Blue (Early Years)	Digital Literacy Technology in our lives Technology in the environment	Information Technology – multi media Cause and Effect – mark making	Information Technology – multi media Touch Control	Digital Literacy ESafety	Information Technology – multi media IPad	Computer Science Programming
Red (Years 1 & 2)	Information Technology – multi media Key Skills	Information Technology – multi media Create, organise, store, manipulate and retrieve digital content.	Computer Science Programming	Digital Literacy ESafety	Digital Literacy Technology in our lives.	Computer Science Programming
Green (Years 3 & 4)	Computer Science Programming	Digital Literacy ESafety	Information Technology – Multimedia - Pupils will create different effects with different technology tools.	Information Technology – multi media Combine a mixture of text, graphics and sound to share learning.	Digital Literacy ESafety	Computer Science Programming
Purple (Years 5 & 6)	Computer Science Programming	Information Technology Become familiar with a range of devices	Computer Science Programming	Digital Literacy ESafety	Information Technology Multimedia – Augmented Reality	Information Technology Multimedia – Design website