

Computing Whole School Yearly Overview

	<u>Autumn 1</u>	<u>Autumn 2</u>	<u>Spring 1</u>	<u>Spring 2</u>	<u>Summer 1</u>	<u>Summer 2</u>
EYFS	<u>Role Play (IT) : Home Area</u> (phones, TV screens) <u>Writing/Following instructions (CS):</u> -morning, lunchtime and home time routines -making bread -making pumpkin soup -getting changed (for PE/getting coats on) <u>Sequencing events in stories, developing sequencing vocabulary (CS):</u> Little Red Hen Owl Babies <u>Ipad to take photos:</u> Family picture representation Autumnal Walk	<u>Role Play (IT): Post Office</u> (laptop, phones, till) <u>Writing/Following instructions (CS):</u> -making Christmas cards -making calendars -making crowns -making Christingles <u>Sequencing events, developing sequencing vocabulary (CS):</u> Story of Rama and Sita The Christmas Story One Snowy Night <u>Ipad to take photos:</u> Poppy placement pictures Snowy day pictures	<u>Role Play (IT): Post Office</u> (laptop, phones, till) <u>Role Play: Fire Station</u> (phone, walkie talkies, laptops, monitors) <u>Writing/Following instructions (CS):</u> -following pictorial instructions to draw endangered animals <u>Sequencing events, developing sequencing vocabulary (CS):</u> Planting Beans Life cycles of chickens <u>Ipad to take photos:</u> Spring placement pictures <u>Beebots (CS):</u> Maps and transport	<u>Role Play (IT): Florist, Farmers Market</u> (till, phones) <u>Writing/Following instructions (CS):</u> -creating Monet style paintings -growing/planting beans <u>Sequencing events, developing sequencing vocabulary (CS):</u> The Easter Story <u>Ipad to take photos:</u> Fire station visit Monet Pictures	<u>Role Play (IT): House – Goldilocks, 3 little pigs, Gingerbread</u> (phone, tv screen) <u>Writing/Following instructions (CS):</u> -making porridge -making bear bread -building bridges, chairs, beds <u>Sequencing events, developing sequencing vocabulary (CS):</u> Three little pigs Gingerbread man Goldilocks & 3 bears <u>Ipad to take photos:</u> Placement pictures	<u>Role Play (IT): Vets, Shop</u> (phone, laptop) <u>Bug investigation area</u> (iPads) <u>Writing/Following instructions (CS):</u> -making minibeast houses -playing musical instruments <u>Sequencing events, developing sequencing vocabulary (CS):</u> Lifecycles of insects: butterflies, spiders, bees <u>Ipad to take photos:</u> Placement pictures <u>Beebots (CS):</u> Insects

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	<u>Interactive Whiteboard:</u> Shape patterns RWI Fred Games Twinkle Pairs Game <u>Project Evolve: Copyright and Ownership</u> (DL)	<u>Interactive Whiteboard:</u> Teddy numbers Underwater counting <u>Project Evolve: Self-Image and Identity</u> (DL)	<u>Interactive Whiteboard:</u> Ladybird Spots Chinese Dragon game Obb and Bob – CVC words <u>Project Evolve: Health, Well-being and Lifestyle</u> (DL) Safer Internet Day	<u>Interactive Whiteboard:</u> Ordering numbers Balloon phonics Caterpillar counting/ordering <u>Project Evolve: Managing online Information</u> (DL)	<u>Interactive Whiteboard:</u> Helicopter Rescue Gingerbread man games <u>Project Evolve: Online Bullying</u> (DL) <u>Privacy and Security</u> (DL)	<u>Interactive Whiteboard:</u> Shape Monsters <u>Project Evolve: Online Relationships</u> (DL) <u>Online Reputation</u> (DL)
Year 1 Various unplugged activities	<u>Introduction Unit</u> (DL, IT) <u>Purple Mash: Online Safety and Introduction to Purple Mash</u> (DL, IT) <u>Project Evolve: Copyright and Ownership</u> (DL)	<u>Purple Mash: Online Safety and Introduction to Purple Mash</u> Continued (DL, IT) <u>Project Evolve: Health, Well-being and Lifestyle</u> (DL)	<u>Purple Mash: Creating and Following Instructions</u> (CS) <u>Project Evolve: Managing online Information</u> (DL) Safer Internet Day	<u>Purple Mash: Route Explorers</u> (CS) <u>Project Evolve: Online Bullying</u> (DL)	<u>Purple Mash Animated Story Books</u> (IT) <u>Project Evolve: Online Relationships</u> (DL) <u>Self-Image and Identity</u> (DL)	<u>Purple Mash: Coding</u> (CS) <u>Project Evolve: Privacy and Security</u> (DL) <u>Online Reputation</u> (DL)

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Year 2 Various unplugged activities	<u>Teach Computing Information Technology</u> (DL) <u>Project Evolve – Self-Image and Identity</u> (DL) <u>Project Evolve: Copyright and Ownership</u> (DL)	<u>Purple Mash: Spreadsheets</u> (IT) <u>Project Evolve: Health, Well-being and Lifestyle</u> (DL)	<u>Purple Mash: Coding catchup</u> (CS) (<u>Project Evolve: Managing online Information</u> (DL) Safer Internet Day	<u>Purple Mash: Coding</u> (CS) <u>Project Evolve: Online Bullying</u> (DL)	<u>Purple Mash: The Internet</u> (DL, IT) <u>Project Evolve: Online Relationships</u> (DL) <u>Project Evolve: Privacy and Security</u> (DL) <u>Online Reputation</u> (DL)	<u>Purple Mash: Questioning</u> (IT, CS) <u>Project Evolve: Privacy and Security</u> (DL) <u>Online Reputation</u> (DL)
Year 3	<u>Unplugged computing activity (Jam Sandwich) (C.S)</u> <u>Computing Introduction (I.T)</u> <u>Seesaw Skills Project (I.T)</u> <u>Project Evolve: Privacy and Security</u> (DL)	<u>Microsoft Word project (I.T)</u> <u>Purple Mash: Email (2email) (I.T)</u> <u>Project Evolve: Online Bullying</u> (DL)	<u>Purple Mash: Unit 3.1 Coding (C.S)</u> <u>Project Evolve: Self-Image and Identity</u> (DL) Safer Internet Day	<u>Purple Mash: Unit 3.1 Coding continued (C.S)</u> <u>Project Evolve: Online Relationships</u> (DL) <u>Online Reputation</u> (DL)	<u>Coding extension work (C.S)</u> <u>BBC Microbit coding projects (C.S)</u> <u>Teach Computing: Computing systems and networks – Connecting computers (C.S)</u> <u>Project Evolve: Copyright and Ownership</u> (DL) <u>Managing online Information</u> (DL)	<u>Teach Computing Continued: Computing systems and networks – Connecting computers (C.S)</u> <u>Lego We-do - Motors and gears (C.S)</u> <u>Project Evolve: Health, Well-being and Lifestyle</u> (DL)

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Year 4	<u>Unplugged computing activity (Origami algorithms) (C.S)</u> Purple Mash: <u>Unit 4.1 Coding (2code) (C.S)</u> <u>Project Evolve: Online Relationships</u> (DL)	Purple Mash: <u>Unit 4.1 Coding Continued (2code) (C.S)</u> BBC Micro:bit (C.S) <u>Project Evolve: Health, Well-being and Lifestyle</u> (DL) <u>Online Reputation</u> (DL)	BBC Micro:bit (C.S) Purple Mash: <u>Unit 3.3 Spreadsheets</u> <u>Project Evolve: Self-Image and Identity</u> (DL) Safer Internet Day	Purple Mash: <u>Unit 4.6 Animation (I.T)</u> <u>Teach Computing Computing systems and networks – The Internet</u> <u>Project Evolve: Copyright and Ownership</u> (DL)	Purple Mash: <u>Unit 4.9 Making Music (I.T)</u> <u>Project Evolve: Privacy and Security</u> (DL)	<u>Lego We Do (C.S) - Pulleys and sensors.</u> <u>Project Evolve: Managing online Information</u> (DL) <u>Online Bullying</u> (DL)
Year 5	<u>Unplugged computing activity (Scavenger hunt) (C.S)</u> Purple Mash: <u>Unit 5.1 (2code) (C.S)</u> <u>Project Evolve: Managing online Information</u> (DL)	Purple Mash: <u>Unit 5.1 Coding continued (2code) (C.S)</u> BBC Micro:bit (C.S) <u>Project Evolve: Health, Well-being and Lifestyle</u> (DL)	Purple Mash: <u>Unit 5.3 Spreadsheets (I.T)</u> <u>Project Evolve: Online Bullying</u> (DL) <u>Online Reputation</u> (DL) Safer Internet Day	Purple Mash: <u>Unit 5.6 3D Modelling (I.T)</u> <u>Project Evolve: Online Relationships</u> (DL)	<u>Teach Computing Computing systems and networks – Systems and Searching (C.S)</u> <u>Project Evolve: Self-Image and Identity</u> (DL)	<u>Lego We Do - Crown gears, levers and tilt sensors. (C.S)</u> <u>Project Evolve: Privacy and Security</u> (DL) <u>Copyright and Ownership</u> (DL)

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Year 6	<u>Unplugged computing activity (Co-ordinate algorithms) (C.S)</u> - <u>Purple Mash: Unit 6.1 Coding (C.S)</u> <u>Project Evolve: Privacy and Security</u> (DL)	<u>Purple Mash: Unit 6.1 Coding continued (2code) (C.S)</u> - <u>BBC Micro:bit (C.S)</u> <u>Project Evolve: Online Reputation</u> (DL)	<u>Purple Mash: Unit 6.3 Spreadsheets (I.T)</u> <u>Project Evolve: Managing online Information</u> (DL) Safer Internet Day	<u>Purple Mash: Unit 6.5 Text Adventures (C.S)</u> <u>Project Evolve: Health, Well-being and Lifestyle</u> (DL)	<u>Teach Computing Computing systems and networks – Communication (C.S)</u> <u>Project Evolve: Online Bullying</u> (DL) <u>Online Relationships</u> (DL)	<u>Lego We Do – Worm gears and cams. (C.S)</u> <u>Project Evolve: Self-Image and Identity</u> (DL) <u>Copyright and Ownership</u> (DL)
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