



		EYFS					
		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Cycle A	E safety	Strand: Lifestyle and Health L1 Sleep L.I. To understand that screen time can affect sleep.		Strand: The Social Web S1 Communicating online L.I. To understand that we can communicate online.		Strand: The Social Web S3 Personal Information L.I. To understand that some information is private and shouldn't be shared, especially amongst people I don't know.	
	Computing	<p>Topic: My Family</p> <p>Communication and language (Listening, attention and understanding) <u>C&L Listening Attention & Understanding May 2021.pdf</u> (purplemash.com)</p> <p>Personal, Social, Emotional Development (Building relationships) <u>PSED Building Relationships May 2021.pdf</u> (purplemash.com)</p> <p>Expressive arts and design (Being imaginative and expressive) <u>EAD Imaginative and Expressive May 2021.pdf</u> (purplemash.com)</p> <p>Understanding the world (The natural world) <u>UW Natural World May 2021.pdf</u> (purplemash.com)</p>	<p>Topic: On the move</p> <p>Physical Development (Fine motor) <u>PD Fine Motor Skills May 2021.pdf</u> (purplemash.com)</p> <p>Literacy (comprehension) <u>Literacy Comprehension May 2021.pdf</u> (purplemash.com)</p> <p>Maths (Number) <u>Maths Number May 2021.pdf</u> (purplemash.com)</p>	<p>Topic: Once upon a time</p> <p>Personal, Social, Emotional Development (managing self) <u>PSED Managing Self May 2021.pdf</u> (purplemash.com)</p> <p>Literacy (word reading) <u>Literacy Word Reading May 2021.pdf</u> (purplemash.com)</p> <p>Understanding the world (people, cultures and communities) <u>UW People Culture Communities May 2021.pdf</u> (purplemash.com)</p>	<p>Topic: Once upon a time</p> <p>Communication and language (Speaking) <u>C&L Speaking May 2021.pdf</u> (purplemash.com)</p> <p>Maths (numerical patterns) <u>Maths Numerical Patterns May 2021.pdf</u> (purplemash.com)</p>	<p>Topic: Growing and Changing –Plants</p> <p>Physical Development (Gross motor) <u>PD Gross Motor Skills May 2021.pdf</u> (purplemash.com)</p> <p>Literacy (writing) <u>Literacy Writing May 2021.pdf</u> (purplemash.com)</p> <p>Expressive arts and design (creating with materials) <u>EAD Creating with Materials May 2021.pdf</u> (purplemash.com)</p>	<p>Topic: Growing and Changing –Animals</p> <p>Personal, Social, Emotional Development (Self-Regulation) <u>PSED Self-Regulation May 2021.pdf</u> (purplemash.com)</p> <p>Understanding the world (past and present) <u>UW Past and Present May 2021.pdf</u> (purplemash.com)</p>
Cycle B	E safety	Strand: Lifestyle and Health L2 Choosing what to do online		Strand: The Social Web S2 Feeling safe online L.I. To understand what to do when I see something		Strand: Protecting ourselves P1 Online Friends	

		L.I. To understand that we need to decide which games to play and what to watch.		that makes me feel unsafe or confused online		L.I. To understand that it is easy to hide your identity online. To understand that it is important to be kind online.	
	Computing	<p>Topic: All about me</p> <p>Communication and language (Listening, attention and understanding) C&L Listening Attention & Understanding May 2021.pdf (purplemash.com)</p> <p>Personal, Social, Emotional Development (Building relationships) PSED Building Relationships May 2021.pdf (purplemash.com)</p> <p>Expressive arts and design (Being imaginative and expressive) EAD Imaginative and Expressive May 2021.pdf (purplemash.com)</p> <p>Understanding the world (The natural world) UW Natural World May 2021.pdf (purplemash.com)</p>	<p>Topic: Food Glorious food</p> <p>Physical Development (Fine motor) PD Fine Motor Skills May 2021.pdf (purplemash.com)</p> <p>Literacy (comprehension) Literacy Comprehension May 2021.pdf (purplemash.com)</p> <p>Maths (Number) Maths Number May 2021.pdf (purplemash.com)</p>	<p>Topic: Heroes and Villains</p> <p>Personal, Social, Emotional Development (managing self) PSED Managing Self May 2021.pdf (purplemash.com)</p> <p>Literacy (word reading) Literacy Word Reading May 2021.pdf (purplemash.com)</p> <p>Understanding the world (people, cultures and communities) UW People Culture Communities May 2021.pdf (purplemash.com)</p>	<p>Topic: People who help us</p> <p>Communication and language (Speaking) C&L Speaking May 2021.pdf (purplemash.com)</p> <p>Maths (numerical patterns) Maths Numerical Patterns May 2021.pdf (purplemash.com)</p>	<p>Topic: Fur, Feathers and Scales</p> <p>Physical Development (Gross motor) PD Gross Motor Skills May 2021.pdf (purplemash.com)</p> <p>Literacy (writing) Literacy Writing May 2021.pdf (purplemash.com)</p> <p>Expressive arts and design (creating with materials) EAD Creating with Materials May 2021.pdf (purplemash.com)</p>	<p>Topic: Fur, Feathers and Scales</p> <p>Personal, Social, Emotional Development (Self-Regulation) PSED Self-Regulation May 2021.pdf (purplemash.com)</p> <p>Understanding the world (past and present) UW Past and Present May 2021.pdf (purplemash.com)</p>

KS1 E safety and Computing Long Term Plan

		Autumn 1		Autumn 2	Spring 1		Spring 2		Summer 1		Summer 2	
Cycle A	E Safety	Strand: Lifestyle and health L 1 Screen Time L.I. To understand that we need a healthy balance of online and offline. To understand that some online activities can be detrimental to our mental health.		Strand: Lifestyle and health L2 Choosing what to do online L.I. To understand that we must decide what to do and not do online.	Strand: The Social Web S1 Personal Information L.I. To Understand why we shouldn't share our personal information. To understand how to keep our personal information private and safe when we are online.		Strand: The social web S2 Being Kind L.I. To understand that being kind online is just as important as in real life. To identify what makes a good online friend and what to do when people are unkind online.		Strand: The social web S3 Communicating online. L.I. To give examples of how I might use technology to communicate with others I don't know well. To understand what information we might share with people we don't know.		Strand: Protecting ourselves P1 online Strangers L.I. To understand that people on the internet are not always who they say they are, and may have malicious intentions.	
	Computing	Unit 1.1 Online Safety & Exploring Purple Mash 4 Lessons	Unit 2.5 Effective Searching 3 Lessons	Unit 1.7 Coding 6 Lessons	Unit 2.6 Creating Pictures 5 Lessons		Unit 1.8 Spreadsheets 3 lessons	Unit 1.9 Technology outside school 2 lessons	Unit 2.1 Coding 5 Lessons		Unit 1.6 Animated Story Books 5 Lessons	
Cycle B	E Safety	Strand: Protecting Ourselves P2 Feeling Comfortable L.I. To understand that there are inappropriate images and text on the internet. To understand what to do if I see anything that makes them feel uncomfortable.		Strand: Protecting Ourselves P3 Searching Safely L.I. To understand how to search safely.	Strand: Commercial Risks C1 Passwords L.I. To understand why we needs passwords.		Strand: Commercial Risks C2 What is the internet. L.I. To understand the basics of what the internet is.		Additional Lesson: Strand: Commercial Risks C3 Accepting messages L.I. To understand that computer viruses can damage our computers, phone and tablets.		Strand: News and Media N1 Content Creators L.I. To understand that anybody can put things online. To recognise the difference between truth and fiction. To understand that things online are often not true. To become more familiar with the term 'Fake News'	
	Computing	Unit 1.1 Online Safety & Exploring Purple Mash 4 Lessons	Unit 1.2 Grouping and Sorting 2 Lessons	Unit 2.4 Questioning 5 Lessons	Unit 2.2 Online Safety 3 Lessons	Unit 1.4 Lego Builders 3 Lessons	Unit 2.7 Making Music 3 Lessons	Unit 1.5 Maze Explorers 3 Lessons	Unit 2.3 Spreadsheets 4 lessons		Unit 1.3 Pictograms 3 lessons	Unit 2.8 Presenting Ideas 4 Lessons

Predominant Area of Computing*

	Computer Science		Information Technology		Digital Literacy
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*Most units will include aspects of all strands.

<u>LKS2 E safety and Computing Long term plan</u>							
		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Cycle A	E safety	Strand: Lifestyle and health L1 Screen Time L.I. To Understand that the amount of time we spend and the activities that we do online can affect our well-being.	Strand: Lifestyle and health L2 Sleep L.I. To Understand that getting enough sleep is related to our mental health	Strand: Lifestyle and health L3 Deciding what is appropriate L.I. To understand that not everything on the internet is appropriate for children	Strand: The Social Web S1 Friendships Online L.I. To Identify how to be kind in online social environments To understand that peer pressure can make us do inappropriate or unkind things To understand that friends should behave in a certain way, whether they are online or offline	Strand: Protecting Ourselves P1 Online Strangers L.I. To Understand that people on the internet are not always who they say they are, and may have malicious intentions	Strand: Protecting Ourselves P2 Sharing Online L.I. To Understand that we must keep our personal information safe
	Computing	Coding 6 lessons	Unit 3.3 spreadsheets 3 lessons Unit 3.4 touch typing 4 lessons	Unit 3.5 Email including email safety 6 lessons	Unit 3.6 branching databases 4 lessons	Unit 3.7 simulations 3 lessons Unit 3.8 graphing 3 lessons	Unit 3.2 online safety 3 lessons
Cycle B	E safety	Strand: Commercial Risks C1 Advertising L.I. To understand that websites use our age to target advertisements at us	Strand: Commercial Risks C2 Personal Information L.I. To have a more thorough and sophisticated understanding of personal information To understand that websites store a lot of our information	Strand: Commercial Risks C3 Copyright L.I. To understand that Copyright means that it can be illegal to use other people's music, videos, images and words Strand: Commercial Risks C5 Passwords L.I. To understand that secure passwords are important, and consider how to make them strong	Strand: Commercial Risks C4 Suspicious Messages L.I. To understand that computer viruses can be sent via email, message and from files downloaded from the internet To understand that people's motivations are often financial, and that if it sounds too good to be true, then it probably is To understand the need to question messages that you receive	Strand: News and Information N1 Digital Media L.I. To become more digitally literate by being able to analyse digital content	Strand: News and Information N2 Media Bias L.I. To understand that not everything they read is true or without bias To understand that bias can mislead readers, and that there are multiple perspectives to many stories Strand: News and Information N3 Verifying Content and echo chamber L.I. To understand how different groups have their own motivations, often based around commercial or ideological reasons To understand how social media tends to limit the number of opposing views that we encounter.
	Computing	Coding 6 lessons	Unit 4.3 spreadsheets 6 lessons	Unit 4.4 writing for different audiences 5 lessons	Unit 4.5 logo 4 lessons Unit 4.6 animation 3 lessons	Unit 4.7 effective search 3 lessons Unit 4.8 hardware investigators 2 lessons	Unit 4.2 online safety 4 lessons

Predominant Area of Computing*		
	Computer Science	
		
		Digital Literacy

*Most units will include aspects of all strands.

UKS2 E safety and Computing Long term plan

		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Cycle A	E safety	<p>Strand: Lifestyle and Health L1 Social Media Anxiety L.I. To Understand that social media can exert pressure on us, by making us feel jealous or insecure about our own lives</p> <p>To Understand that images and videos that we see online are not always a true reflection of reality</p> <p>Strand: Lifestyle and Health L2 Self Esteem L.I. To Understand that people can feel under pressure to behave in certain ways, because of their bodies and gender</p> <p>To understand that self-esteem and confidence can affect how we behave online</p> <p>To begin to understand the motivations of the health industry and their advertising and media coverage</p>	<p>Strand: Lifestyle and Health L3 Inaccurate Health information L.I. To become familiar with positive health messages</p> <p>To recognise inaccurate health information</p> <p>Strand: Lifestyle and Health L4 Digital 5-a-day L.I. To recognise that our identities are defined by both our online and offline activities</p> <p>To understand that the online world creates unique issues, which can affect our self-image, mental health and identity</p>	<p>Strand: Lifestyle and Health L5 Online stereotypes L.I. To understand that we are often exposed to stereotypes in the media, which can affect the way that we see ourselves and other people</p> <p>To understand that stereotypes are sometimes used in the online world and that these are often unfair or discriminatory</p> <p>Strand: Lifestyle and Health L6 Game ratings L.I. To understand why age ratings on movies and games are important</p>	<p>Strand: Lifestyle and Health L7 Does the internet make us happy? L.I. To appreciate that there is both positive and negative content online</p> <p>To understand that social media can exert pressure on us, by making us feel jealous or insecure about our own lives</p> <p>To understand that images and videos that we see online are not always a true reflection of reality</p>	<p>Strand: The Social Web S1 Control and Consent L.I. To understand that social media comes with pressure</p> <p>To understand that we have a significant amount of control over our online lives</p> <p>To understand that our actions/lack of actions can have an impact on ourselves and those around us</p> <p>Strand: The Social Web S2 Social Media and Cyber Bullying L.I. To understand that people sometimes behave online, in a way that they would not in real life</p> <p>Know a range of strategies to deal with online abuse</p>	<p>Strand: Protecting Ourselves P1 Protecting our identity L.I. To understand that our personal information is valuable, sensitive and private to us</p> <p>To understand that giving away personal information can lead to both physical and emotional damage</p> <p>To understand that many small details can be pieced together to gain a much more comprehensive set of information about a person</p> <p>Strand: Protecting Ourselves P2 Protecting images of us online L.I. To understand that once images are on the internet, we have less control over them</p> <p>To understand that the Internet Watch Foundation do have the power to take down images of children, if they are inappropriate, but that this is hard to do</p> <p>To understand that they have a legal right to control pictures of their bodies</p>
	Computing	Unit 5.2 Online safety Number of lessons – 3 Programs - Various	Coding Number of lessons – 6 Main Programs – 2Code	Unit 5.6 - 3D Modelling Number of lessons – 4 Programs – 2Design and Make	Unit 5.4 Databases Number of lessons – 4 Programs – 2Question, 2Investigate	Unit 5.5 - Game Creator Number of lessons – 5 Programs – 2DIY 3D	Unit 5.3 Spreadsheets Number of lessons – 6 Programs – 2Calculate
Cycle B	E safety	<p>Strand: Protecting Ourselves P3 Unhealthy Attention L.I. To understand that attention can be both healthy and unhealthy</p> <p>Strand: Protecting Ourselves P4 Meeting online strangers L.I. To understand that there are dangers online for younger people</p> <p>To recognise some of the signs of online danger</p>	<p>Strand: Commercial Risks C1 Online advertisements and money on the internet L.I. To understand how money is made on YouTube and other video websites To understand how advertising on the internet allows people to make money from your clicks</p> <p>Strand: Commercial Risks C2 Personal Information, terms and conditions. L.I. To understand that our personal information can be used to make money and target us with advertising</p>	<p>Strand: Commercial Risks C3 Passwords L.I. To understand that we can make ourselves safer online by adjusting privacy settings and that secure passwords can keep our information safe</p> <p>Strand: Commercial Risks C4 Copyright L.I. To understand what copyright is, and why it exists</p>	<p>Strand: Commercial Risks C5 In app purchases and credit card information L.I. To understand that “In-app Purchases” spend real money</p> <p>Realise that children can run up large bills by purchasing games and “In-App Purchases” without realising it</p> <p>Strand: News and Information N1 Analysing digital media L.I. To become more digitally literate by being able to analyse digital content</p>	<p>Strand: News and Information N2 Bias L.I. To understand that not everything they read is true or without bias</p> <p>Understand that bias can mislead readers, and that there are multiple perspectives to many stories</p> <p>Strand: News and Information N3 Fake News L.I. To understand that it is easy to edit images using computers, which can make it hard to tell the difference between truth and fake-news</p>	<p>Strand: News and Information N4 Verifying information online L.I. To understand that information can be untrue</p> <p>Understand that there are ways of spotting and checking this information</p> <p>Strand: News and Information N5 Echo Chambers L.I. To Understand how different groups have their own motivations, often based around commercial or ideological reasons</p> <p>Understand how social media tends to limit the number of opposing views that we encounter</p>
	Computing	Unit 5.8 - Word processing (with Microsoft Word or Google Docs) Number of Lessons – 8 Main program – MS Word or Google Docs	Unit 6.3 Spreadsheets Number of lessons – 5	Coding Number of lessons – 6 Main Programs – 2Code See table below for breakdown	Unit 6.2 Online safety Number of lessons – 2 Programs – Various	Unit 6. Blogging Number of lessons – 4 Programs – 2Blog	Unit 6.6 Networks Number of lessons – 3

Predominant Area of Computing*



Computer
Science



Information
Technology



Digital
Literacy

