



Computing 2 Year Overview

EYFS

		Autumn	Spring	Summer
Yearly	Project Evolve Unit (1 unit to be completed at the beginning of each half term)	<u>Project evolve: Self Image and Identity</u> I can recognise online or offline, that anyone can say no	<u>Project evolve: Online Relationships</u> I can recognise some ways in which the internet can be used to communicate. <u>Online Reputation</u> I can identify ways that I can put information on the internet	<u>Project evolve: Online Bullying</u> I can describe ways that some people can be unkind online <u>Managing Online Information</u> I can talk about how to use the internet as a way of finding information online.
	Curriculum	Computing systems and networks 1: Using a computer	Programming 1: All about Instructions Computing systems and networks 2: Exploring hardware	Programming 2: Programming Bee-bots Data handling: introduction to data

KS1

		Autumn	Spring	Summer
Cycle A	Project Evolve Unit (1 unit to be completed at the beginning of each half term)	<u>Image and Identity</u> I can recognise that there may be people online who can make people feel sad or upset. <u>Online Relationships</u> I can explain why I should ask before sharing things about myself or others	<u>Online Reputation</u> I can explain how information put online about someone can last for a long time <u>Online Bullying</u> I can explain what bullying is, how people may bully online.	<u>Privacy and security</u> I can recognise more detailed examples of information that is personal to someone. <u>Health, Well-being and Lifestyle</u> I can explain rules to keep myself safe when using technology.
	Curriculum	Computing systems and networks: Improving mouse skills (Y1) Computing systems and networks 1: What is a computer (Y2)	Programming 1: Algorithms unplugged (Y1) Programming 1: Algorithm and debugging (Y2)	Skills showcase: Rocket to the moon (Y1) Computing systems and networks: Word processing (Y2)
Cycle B	Project Evolve Unit (1 unit to be completed at the beginning of each half term)	<u>Image and Identity</u> I can explain how other people may look and act differently online and offline. <u>Online Relationships</u> I can identify who can help me if something happens online without consent.	<u>Online Reputation</u> I can describe what information I should not put online without asking a trusted adult first. <u>Online Bullying</u> I can describe how to behave online in ways that do not upset others.	<u>Privacy and security</u> I can explain how passwords can be used to protect information, accounts and devices. <u>Health, Well-being and Lifestyle</u> I can explain simple guidance for using technology in different environments.
	Curriculum	Programming 2: Bee-bot (Y1) Programming 2: Scratch Jr (Y2)	Creating Media: Digital imagery (Y1) Creating Media: Stop motion (Y2)	Data Handling: Introduction to data (Y1) Data Handling: International Space station (Y2)



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LKS2

		Autumn	Spring	Summer
Cycle A	Project Evolve Unit (1 unit to be completed at the beginning of each half term)	<u>Image and Identity</u> I can explain ways in which someone might change their identity online. <u>Online Relationships</u> I can explain the importance of giving and gaining permission before sharing things.	<u>Online Reputation</u> I can explain ways some information could have been created, copied and shared. <u>Online Bullying</u> I can give examples of how bullying behaviour could appear online.	<u>Privacy and security</u> I know what the digital age of consent is and the impact this has on online services. <u>Health, Well-being and Lifestyle</u> I can explain how using technology can be a distraction from other things.
	Curriculum	Computing systems and networks: Networks and the internet (Y3) Computing systems and networks: Collaborative learning (Y4)	Programming: Scratch (Y3) Programming 1: Further coding with Scratch (Y4)	Computing systems and networks 2: E-mailing (Y3) Creating Media: Website design (Y4)
Cycle B	Project Evolve Unit (1 unit to be completed at the beginning of each half term)	<u>Image and Identity</u> I can explain that others can pretend to be someone else. . <u>Online Relationships</u> I can explain what it means to 'know someone' online.	<u>Online Reputation</u> I can explain who someone can ask if they are unsure about putting something online. <u>Online Bullying</u> I can explain why people need to think carefully about how content they post might affect others.	<u>Privacy and security</u> I can describe how connected devices can collect and share anyone's information. <u>Health, Well-being and Lifestyle</u> I can explain why spending too much time using technology can sometime have a negative impact.
	Curriculum	Computing systems and networks 3: Journey in a computer (Y3) Skills showcase: HTML (Y4)	Creating Media: Video trailers (Y3) Programming 2: Computational thinking (Y4)	Data handling: Comparison cards database (Y3) Data handling: Investigating weather (Y4)

UKS2

		Autumn	Spring	Summer
Cycle A	Project Evolve Unit (1 unit to be completed at the beginning of each half term)	<u>Image and Identity</u> I can explain how identity online can be copied, modified or altered. . <u>Online Relationships</u> I can explain that there are some people I communicate with online who may want to do me harm.	<u>Online Reputation</u> I can explain the ways in which anyone can develop a positive online reputation <u>Online Bullying</u> I can describe how to capture bullying content as evidence to share with others who can help me.	<u>Privacy and security</u> I can explain how many free apps may read and share private information. <u>Health, Well-being and Lifestyle</u> I can assess and action different strategies to limit the impact of technology on health.
	Curriculum	Creating Media: history of computers (Y6) Programming: Intro to Python	Creating media: stop motion animation (Y5) Data handling 2: Big data 2 (Y6)	Data Handling: Mars Rover (Y5) Skills showcase: Mars Rover 2 (Y5)
Cycle B	Project Evolve Unit (1 unit to be completed at the beginning of each half term)	<u>Image and Identity</u> I can identify and evaluate online content relating to gender, race and other groups. <u>Online Relationships</u> I can describe how things shared privately online can have unintended consequences for others.	<u>Online Reputation</u> I can describe ways that information about anyone online can be used by others <u>Online Bullying</u> I can recognise online bullying can be different to bullying in the physical world.	<u>Privacy and security</u> I can describe how and why people should keep their software and apps up to date. <u>Health, Well-being and Lifestyle</u> I can describe ways technology can affect health and well-being.
	Curriculum	Computing systems and networks: Search engines (Y5) Computing systems and networks: Bletchley Park (Y6)	Programming 1: Music (Y5) Data Handling 1: Big Data 1 (Y6)	Programming 2: Micro:bit (Y5) Skills showcase: inventing a product (Y6)