Higher Walton C.E. Primary School

Computing 2 Year Overview

EYFS

		Autumn	Spring	Summer
Yearly	Project Evolve Unit (1 unit to be completed at the beginning of each half term)	**Project evolve: Self Image and Identity** I can recognise online or offline, that anyone can say no **Project evolve: Online Bullying-** I can describe ways that some people can be unkind online	**Project evolve: Online Reputation-**I can identify ways that I can put information on the internet **Online Relationships** I can recognise some ways in which the internet can be used to communicate.	**Managing Online Information** I can talk about how to use the internet as a wat of finding information online. **Project evolve: Privacy and security** I can describe who would be trustworthy to share information with. I can explain why they are trusted.
	Curriculum	Computing systems and networks 1: Using a computer Anti-bullying week	Programming 2: Programming Bee-bots. Safer Internet Day	Computing systems and networks 1: Using a computer

KS1

		Autumn	Spring	Summer
Cycle A	Project Evolve Unit(1 unit to be completed at the beginning of each half term)	**Image and Identity** I can recognise that there may be people online who can make people feel sad or upset. **Online Relationships** I can explain why I should ask before sharing things about myself or others	**Online Reputation** I can explain how information put online about someone can last for a long time **Online Bullying** I can explain what bullying is, how people may bully online.	**Privacy and security** I can recognise more detailed examples of information that is personal to someone. **Health, Well-being and Lifestyle** 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)	**Image and Identity** I can explain how other people may look and act differently online and offline. **Online Relationships** I can identify who can help me if something happens online without consent.	**Online Reputation** I can describe what information I should not put online without asking a trusted adult first. **Online Bullying** I can describe how to behave online in ways that do not upset others.	**Privacy and security** I can explain how passwords can be used to protect information, accounts and devices. **Health, Well-being and Lifestyle** 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)	**Image and Identity** I can explain ways in which someone might change their identity online. **Online Relationships** I can explain the importance of giving and gaining permission before sharing things.	**Online Reputation** I can explain ways some information could have been created, copied and shared. **Online Bullying** I can give examples of how bullying behaviour could appear online.	**Privacy and security** I know what the digital age of consent is and the impact this has on online services. **Health, Well-being and Lifestyle** I can explain how using technology can be a distraction from other things.
	Curriculum	Computing systems and networks 2: Emailing Programming: Scratch (Y3)	Creating Media: Video Trailers Creating Media: Website design	Programming 1: Further coding with Scratch Programming 2: Computational thinking
Cycle B	Project Evolve Unit (1 unit to be completed at the beginning of each half term)	**Image and Identity** I can explain that others can pretend to be someone else. . **Online Relationships** I can explain what it means to 'know someone' online.	**Online Reputation** I can explain who someone can ask if they are unsure about putting something online. **Online Bullying** I can explain why people need to think carefully about how content they post might affect others.	**Privacy and security** I can describe how connected devices can collect and share anyone's information. **Health, Well-being and Lifestyle** I can explain why spending too much time using technology can sometime have a negative impact.
	Curriculum	Computing systems and networks 3: Networks and the internet (Y3) Data handling: Comparison cards database (Y3)	Computing Systems and Networks 3: Journey in a computer Computing systems and networks: Collaborative learning	Data handling: Investigating weather (Y4) Skills showcase: HTML (Y4)

UKS2

		Autumn	Spring	Summer
Cycle A	Project Evolve Unit (1 unit to be completed at the beginning of each half term)	**Image and Identity** I can explain how identity online can be copied, modified or altered. . **Online Relationships** I can explain that there are some people I communicate with online who may want to do me harm.	**Online Reputation** I can explain the ways in which anyone can develop a positive online reputation **Online Bullying** I can describe how to capture bullying content as evidence to share with others who can help me.	**Privacy and security** I can explain how many free apps may read and share private information. **Health, Well-being and Lifestyle** I can assess and action different strategies to limit the impact of technology on health.
	Curriculum	Data Handling: Mars Rover (Y5) Programming: Intro to Python	Skills showcase: Mars Rover 2 (Y5) Computing systems and networks: Bletchley Park (Y6)	Computing Systems and Networks: Exploring AI Skills showcase: Inventing a Product
Cycle B	Project Evolve Unit (1 unit to be completed at the beginning of each half term)	**Image and Identity** I can identify and evaluate online content relating to gender, race and other groups. **Online Relationships** I can describe how things shared privately online can	**Online Reputation** I can describe ways that information about anyone online can be used by others **Online Bullying**	**Privacy and security** I can describe how and why people should keep their software and apps up to date. **Health, Well-being and Lifestyle**

		have unintended consequences for others.	I can recognise online bullying can be different to bullying in the physical world.	I can describe ways technology can affect health and well-being.
	Curriculum	Computing systems and networks: Search engines (Y5) Data Handling 1: Big Data 1 (Y6)	Programming 1: Music (Y5) Data handling 2: Big data 2 (Y6)	Programming 2: Micro:bit (Y5) Creating Media: stop motion animation