Computing Curriculum overview

CS - Computer Science

IT - Information Technology

DL - Digital literacy (inc. online safety)

EYFS

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Setting up continuous provision in the classroom: Computing through continuous provision	Computing Systems and Networks Using a Computer	Programming 1 All about instructions	Computing Systems and Networks Exploring Hardware	Programming 2 Programming Bee-bots	Data Handling Introduction to Data
+Online Safety					
	Anti-bullying Week - cyber bullying lesson/assembly to be delivered during this week.	*Safer Internet Day - assemblies, lessons, activities based on the year's SID theme*			

YEAR 1

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Computing systems and networks Improving Mouse Skills	Programming 1 Algorithms Unplugged	Skills Showcase Rocket to the Moon	Programming 2 Programming Bee-bots (option 1)	Creating Media Digital Imagery	Data Handling Introduction to Data
IT | DL	CS	DL	CS	CS | IT | DL	IT | DL
+Online Safety - IT/DL					
Lesson 1: Using the Internet Safely To know what the internet is and how to use it safely	*Anti-bullying Week - cyber bullying lesson/assembly to be delivered during this week.*	*Safer Internet Day - assemblies, lessons, activities based on the year's SID theme*	Lesson 2: Online Emotions To understand different feelings when using the internet	Lesson 3: Always be Kind and Considerate To understand how to treat others, both online and in-person	Lesson 4: Posting and Sharing Online To understand the importance of being careful about what we post and share online

YEAR 2

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Computing systems and networks 1 What is a Computer?	Programming 1 Algorithms and Debugging	Computing systems and networks 2 Word Processing	Programming 2 Programming: Scratch Jr	Creating Media Stop Motion	Data Handling International Space Station
CS | IT	CS	DL	CS | DL	IT | DL	CS | DL
+Online Safety - (IT/DL)					
Lesson 1: What Happens When I Post Online? I know what happens to information posted online	*Anti-bullying Week - cyber bullying lesson/assembly to be delivered during this week.* Lesson 2: How do I keep my things safe online? To know how to keep things safe and private online	*Safer Internet Day - assemblies, lessons, activities based on the year's SID theme*	Lesson 3: Who Should I Ask? To explain what should be done before sharing information online	Lesson 4: It's My Choice To explain why I have the right to say no and deny permission	Lesson 5: Is It True? To understand strategies that will help me decide if something seen online is true or not

YEAR 3/4

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
A	Computing Systems and Networks Emailing (Y3)	Programming Programming: Scratch (Y3)	Creating media Video Trailers (Y3)	Creating media Website Design (Y4)	Programming Further Coding with Scratch (Y4)	Programming Computational Thinking (Y4)
	CS | IT | DL	CS | IT | DL	CS | IT | DL	CS | IT | DL	CS | IT	CS | IT
	+Online Safety (Y3) - IT/DL					
	Lesson 1: Beliefs, opinions and facts on the internet	*Anti-bullying Week - cyber bullying lesson to be delivered during this week.*	*Safer Internet Day - assemblies, lessons, activities based on the year's SID theme*	Lesson 2: When being online makes me upset	Lesson 3: Sharing of information	Lesson 4: Rules of social media platforms
B	Computing Systems and Networks Networks and the Internet (Y3)	Data Handling Comparison Cards (Y3)	Computing Systems and Networks Journey inside a Computer (Y3)	Computing Systems and Networks Collaborative Learning (Y4)	Data Handling Investigating Weather (Y4)	Skills Showcase HTML (Y4)

CS	IT	DL	CS	IT	CS	IT	DL	CS	IT	DL	CS	IT	DL	CS	IT	DL
+Online Safety (Y4) - IT/DL																

Lesson 1: What happens when I search online?	Anti-bullying Week - cyber bullying lesson to be delivered during this week.	Safer Internet Day - assemblies, lessons, activities based on the year's SID theme Lesson 2: How do companies encourage us to buy online?	Lesson 3: Fact, opinion or belief?	Lesson 4: What is a bot?	Lesson 5: What is my #TechTimetable like?

YEAR 5/6

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
A	Programming Micro:bit (Y5)	Data Handling Mars Rover 1 (Y5)	Skills Showcase Mars Rover 2 (Y5)	Computing Systems and Networks Bletchley Park (Y6)	Creating Media The History of Computers (Y6)	Skills Showcase Inventing a Product (Y6)
	CS / IT / DL	CS / IT / DL	CS / IT	CS / IT / DL	CS / IT / DL	CS / IT / DL
	+Online Safety (Y5) - IT/DL					
	Lesson 1: Online Protection	*Anti-bullying Week - cyber bullying lesson/assembly to be delivered during this week.* Lesson 2: Online Communication	*Safer Internet Day - assemblies, lessons, activities based on the year's SID theme*	Lesson 3: Online reputation	Lesson 4: Online bullying	Lesson 5: Online health
B	Programming Programming: Music (Y5)	Creating Media Stop Motion Animation (Y5)	Computing Systems and Networks Search Engines (Y5)	Data Handling Big Data 1 (Y6)	Data Handling Big Data 2 (Y6)	Programming Introduction to Python (Y6)
	CS / IT / DL	CS	IT / DL	CS / IT / DL	CS / IT / DL	CS / IT

	+Online Safety (Y6) - IT/DL					
	Lesson 1: Life Online	*Anti-bullying Week - cyber bullying lesson to be delivered during this week.* Lesson 2: Sharing Online	*Safer Internet Day - assemblies, lessons, activities based on the year's SID theme* Lesson 3: Creating a Positive Online Reputation	Lesson 4: Capturing Evidence	Lesson 5: Password Protection	Lesson 6: Think Before you Click

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