

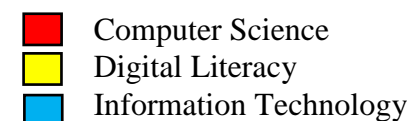
Computing and Online Safety Curriculum Overview 2021-22



- Computer Science
- Digital Literacy
- Information Technology

	Autumn			Spring		Summer	
Year 1 (Omitted Units: 1.5, 1.8)	Unit 1.1 Online Safety & Exploring Purple Mash Sessions: 4	Unit 1.2 Grouping & Sorting Sessions: 2	Unit 1.5 Maze Explorers Sessions: 4	Unit 1.3 Pictograms Sessions: 3	Unit 1.7 Coding Sessions: 6	Unit 1.6 Animated Story Books Sessions: 5	Unit 1.9 Technology outside school Sessions: 2
Year 2 (Omitted Units: 2.7)	Unit 2.4 Questioning Sessions: 5	Unit 2.5 Effective Searching Sessions: 3	Unit 2.1 Coding Sessions: 5	Unit 2.3 Spreadsheets Sessions: 4	Unit 2.6 Creating Pictures Sessions: 5	Unit 2.8 Presenting Ideas Sessions: 4	
Year 3 (Omitted Units: 3.2, 3.4, 3.9)	Unit 3.1 Coding Sessions: 6	Unit 3.3 Spreadsheets Sessions: 3	Unit 3.6 Branching Databases Sessions: 4	Unit 3.7 Simulations Sessions: 3	Unit 3.5 Email Sessions: 6	Unit 3.8 Graphing Sessions: 3	
Year 4 (Omitted units: 4.2, 4.4, 4.9)	Unit 4.1 Coding Sessions: 6	Unit 4.6 Animation Sessions: 3	Unit 4.5 Logo Sessions: 4	Unit 4.7 Effective Search Sessions: 3	Unit 4.8 Hardware Investigators Sessions: 2	Unit 4.3 Spreadsheets Sessions: 6	

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Year 5 (Omitted units: 5.2, 5.4)	Unit 5.3 Spreadsheets Sessions: 6	Unit 5.7 Concept Maps Sessions: 4	Unit 5.1 Coding Sessions: 6	Unit 5.6 3D Modelling Sessions: 4	Unit 5.5 Game Creator Sessions: 5	Unit 5.8 Word processing Sessions: 8	
	Unit 6.9 Spreadsheets Sessions: 8		Unit 6.8 Understanding Binary Sessions: 4	Unit 6.1 Coding Sessions: 6		Unit 6.4 Blogging Sessions: 4	Unit 6.5 Text Adventures Sessions: 5

Most units of the computing curriculum will include elements of all 3 strands (Computer Science, Digital Literacy and Information Technology) however, the colour coding represents the dominant strand for each unit.

Year 3 have a unit of Touch Typing skills – these will be covered throughout the year. Where necessary, other year groups/groups of pupils will access or revisit this unit to support pupils further.

Digital Literacy skills will continue to be developed through cross-curricular units where appropriate.

Computing skills will be developed in Reception through links to the ELG within the EYFS curriculum. This too will be supported by Purple Mash resources.

Online Safety Overview

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	Privacy and Security	Online Bullying	Managing Online Information	Copyright and Ownership	Online Reputation	Online Relationships	Health, Well-being and Lifestyle	Self-Image and Identity
R								
1	PM OS Unit SCARF (Sharing Pictures)	SCARF (It's Not Fair!)	SCARF (Sharing Pictures) PM (Animated Story Books)	Covered through PM Units	SCARF (Sharing Pictures)	SCARF	SCARF (Super Sleep)	PM OS Unit
2	PM OS Unit SCARF (Respecting Privacy, Playing Games)	SCARF (Bullying or Teasing?, Types of Bullying, Playing Games)	PM (Questioning, Presenting Ideas)	PM (Effective Searching, Presenting Ideas)	PM OS Unit SCARF (Playing Games)	PM OS Unit	SCARF	SCARF
3	PM OS Unit SCARF (None of your Business) PM (Email)	PM OS Unit SCARF (Zeb) PM (Email)	PM OS Unit SCARF (I am fantastic!, Super Searcher)	SCARF (Super Searcher,	PM (Email)	PM OS Unit SCARF (Respect and Challenge) PM (Email)	SCARF (My Community)	SCARF (Super Searcher, None of your business) PM (Email)
4	PM OS Unit SCARF (Picture Wise)	SCARF (How Dare You?, Under Pressure)	PM OS Unit SCARF (That is such a stereotype!)	PM OS Unit SCARF (Picture Wise)	SCARF (Picture Wise)	SCARF (Friend or Acquaintance?, Ok or not Ok?)	PM OS Unit SCARF (Volunteering is Cool)	PM OS Unit
5	PM OS Unit SCARF (Play, Like Share)	SCARF (Kind Conversations, Spot Bullying, Play Like Share, Stop, Start Stereotypes, Communication)	PM OS Unit SCARF (Is It True?, Play, Like Share, Communication) PM (Word Processing)	PM (Word Processing)	PM OS Unit SCARF (Decision Dilemmas, Play, Like, Share)	SCARF (Play, Like, Share)	SCARF (Getting Fit)	PM OS Unit SCARF (Boys Will Be Boys?)
6	SCARF (To Share or not to Share? Traffic Lights)	SCARF (To Share or not to Share?, Think Before You Click) PM (Blogging)	PM OS Unit SCARF (I Look Great!, Media Manipulation) PM (Blogging)	PM OS Unit	SCARF (To Share or not to Share?, Traffic Lights, Think Before Your Click) PM (Blogging)	PM OS Unit SCARF (To Share or not to Share?,	PM OS Unit SCARF (Five Ways to Wellbeing)	SCARF (Fakebook Friends, To Share or not to Share?, Traffic Lights)

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Online Safety units provided by Purple Mash have 3 or 4 lessons per Year. A lesson should be taught each term alongside the relevant units for each term.

Each half term, a strand from an Education for a Connected World will be covered throughout the school. These have been structured to coincide with relevant events/situations throughout the year. Coverage from each of the units will be at staff's discretion, linking into assessment of pupils' understanding and what is deemed most appropriate or necessary for pupils.