



Subject: Computing

Long Term Curriculum Plan

Year 2023 – 2024 Cycle 2 of 2 year cycle	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 1 And Year 2	Online Safely and Exploring Purple Mash (4 lessons unit 1.1) Technology outside school (2 lessons- unit 1.9) Digital Literacy	Lego Builders (3 lessons- Unit 1.4) Effective Searching (3 lessons- Unit 2.5) Digital Literacy and Computer Science	Grouping and Sorting (2 lessons- unit 1.2) Spreadsheets (3 lessons- unit 1.8) Computer Science and Information Technology	Creating Pictures (5 Lessons- unit 2.6) Information Technology	Coding (6 lessons- Unit 1.7) Computer Science	Coding (5 Lessons- Unit 2.1) Computing Science
Year 3 And Year 4	Coding (6 lessons- cycle B) Computer Science	Online safety (Captain Kara- 5 lessons) Digital Literacy	Spreadsheets (6 lessons- unit 4.3) Information Technology	Writing for Different Audiences (5 lessons- unit 4.4) Information Technology	Logo (4 lessons- unit 4.5) Animation (3 lessons- unit 4.6) Computer Science and Information Technology	Effective Search (3 lessons- unit 4.7) Hardware Investigators (2 lessons- unit 4.8) Information technology and Computer Science

NC: National Curriculum links

Year 2024-2025 Cycle 1 of 2 year cycle	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 1 And Year 2	Online Safety & Exploring Purple Mash (4 lessons- unit 1.1) Maze Explorers (3 Lessons- unit 1.5) Digital Literacy and Computer Science	Questioning (5 lessons- unit 2.4) Information technology	Online Safety (3 lessons- unit 2.2) Making Music (3 lessons- unit 2.7) Digital Literacy and Information Technology	Animated Story Books (5 lessons- unit 1.6) Information Technology	Spreadsheets (4 lessons- unit 2.3) Pictograms (3 lessons- unit 1.3) Information Technology	Presenting Ideas (4 lessons- unit 2.8) Information Technology
Year 3 And Year 4	Coding (6 lessons- cycle A) Computer Science	Touch Typing (4 lessons- unit 3.4) Information Technology	Online Safety (3 lessons- unit 3.2) Spreadsheets (3 lessons- unit 3.3) Digital Literacy and Information Technology	Email (6 lessons- unit 3.5) Digital Literacy	Simulations (3 lessons- unit 3.7) Graphing (3 lessons- unit 3.8) Information Technology	Branching Database (4 lessons) Information Technology

National Curriculum aims:

The national curriculum for computing aims to ensure that all pupils:

- can understand and apply the fundamental principles and concepts of computer science, including abstraction, logic, algorithms and data representation (Computer Science)
- can analyse problems in computational terms, and have repeated practical experience of writing computer programs in order to solve such problems (Digital Literacy)
- can evaluate and apply information technology, including new or unfamiliar technologies, analytically to solve problems (Information Technology)
- are responsible, competent, confident and creative users of information and communication technology. (Digital Literacy, Computer Science and Information Technology).