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| Wibsey Web LogoSubject Curriculum Map Computing 2023/24 |
|  | **Autumn Term** | **Spring Term** | **Summer Term** |
| **Nursery** **Reception** | Within the revised EYFS statutory framework, the Technology strand within Understanding the World has been removed. However, at Wibsey we provide opportunities within each area of the framework for our youngest pupils to use technology to solve problems and produce creative outcomes. |
| **Year 1** | E-SafetyUsing devices for different purposes safely (Unit 1.1 Online safety)Digital LiteracySave / open work on device (Unit 1.9 Technology outside of school)ITCan use technology to create and store digital content (Unit 1.9 Technology outside school) | ITCan use technology to create and store digital contentComputer scienceUsing algorithms to create movementDigital LiteracyUsing several devices for different purposesUnit 1.2 Grouping and sorting Unit 1.3 Pictograms | Computer Science Using algorithms to create movement.Units 1.4 Lego builders1.5 Maze explorers | IT Use technology to create and store digital content. Digital Literacy Open and save work on a device E-Safety Can use technology to create and store digital content.Unit 1.6 Animated story books | Computer Science Algorithms and using an algorithm to create movement.Unit 1.7 Coding  | Digital Literacy Identifying computer technology used at home and at school E- Safety The safe use of several devices for different purposes(Unit 1.8 Spreadsheets) |
| **Year 2** | Computer ScienceUnit 2.1 Coding | E-SafetyUnit 2.2 Online Safety  | Information TechnologyUnit 2.3 SpreadsheetsUnit 2.4 QuestioningDigital LiteracyUnit 2.5 Effective searching | Information TechnologyUnit 2.6 Creating pictures | Information TechnologyUnit 2.7 Making music | Information TechnologyUnit 2.8 Presenting ideas |
| **Year 3** | Computer science* Write and debug simple programs that accomplish specific goals
* Use sequence, selection and repetition in programs

Unit 3.1 Coding  | E-SafetySequence, selection and repetition in programsITCommunicating using a range of devices.Unit 3.2 – On-line safety | Digital literacyCommunicating using a range of devices.ITSelecting, using and combining a variety of software.Units:3.3 Spreadsheets3.4 - Touch Typing | IT* Using search technologies.
* Selecting, using and combining a variety of software.

Units:3.5 - Email 3.6-Branching Databases | Computer scienceRefining the use sequence, selection and repetition in programs.Unit 3.7 Simulations | ITUsing search technologies to collect, analyse, evaluate and present data and informationUnit 3.8 - Graphing |
| **Year 4** | Computer science* Use sequence, selection and repetition in programs to use and manipulate varibles
* Simple algorithms

Units4:1 Coding + 1 week of 4.2 Online Safety  | E-Safety* The safe, respectful and responsible use of technology
* Recognise acceptable/unacceptable behavior

Units4.2– On-line safety & Unit 4.3 Spreadsheets  | Digital literacy* Using different devices and software for collaborative work.

IT* Select, use and combine a variety of software.

Units4.3 – Spreadsheets & Unit 4.4 Writing for Different Audiences  | IT* Use search technologies effectively and appreciate how results are selected and ranked

Computer science* Use sequence, selection and repetition in programs to use and manipulate variables.
* How simple algorithms work

Units4.4 – Writing for different audiences & Unit 4.5 Logo | Digital literacy* Understands that networks and the internet are used to share content.

IT* Select, use and combine a variety of software.

Units4.6 – Animation4.7 Effective Search | IT* Use search technologies effectively and appreciate how results are selected and ranked.

Digital Literacy* Understand that networks and the internet are used to share content.

Units* 1. – Effective search & Unit 4.8 Hardware Investigators
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| **Year 5** | Computer ScienceUnit 5:1 Coding (5 weeks)Unit 5.8 Word Processing with Microsoft Word (2 weeks) | E-SafetyUnit 5:2 E Safety (2 weeks)Units: 5.3 Spreadsheets (6 weeks) | Digital Literacy5.4 Databases (4 weeks) | Computer scienceUnit 5.5 Coding (5 weeks) | Computer ScienceUnit 5.6 Modelling (4 weeks) | Digital LiteracyUnit 5.7 Concept Mapping (4 weeks) |
| **Year 6** | Computer ScienceCoding Unit 6.1 | E-SafetyOnline Safety Unit 6.2 | ITSpreadsheets Unit 6.3 | Digital LiteracyMalala Blogging Unit 6.4 | Computer ScienceText adventures Unit 6.5  | Digital LiteracyNetworks Unit 6.6Computer ScienceQuizzing Unit 6.7 |