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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-Safety  Using devices for different purposes safely (Unit 1.1 Online safety)  Digital Literacy  Save / open work on device (Unit 1.9 Technology outside of school)  IT  Can use technology to create and store digital content (Unit 1.9 Technology outside school) | IT  Can use technology to create and store digital content  Computer science  Using algorithms to create movement  Digital Literacy  Using several devices for different purposes  Unit 1.2 Grouping and sorting  Unit 1.3 Pictograms | Computer Science  Using algorithms to create movement.  Units  1.4 Lego builders  1.5 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 Science  Unit 2.1 Coding | E-Safety  Unit 2.2 Online Safety | Information Technology  Unit 2.3 Spreadsheets  Unit 2.4 Questioning  Digital Literacy  Unit 2.5 Effective searching | Information Technology  Unit 2.6 Creating pictures | Information Technology  Unit 2.7 Making music | Information Technology  Unit 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-Safety  Sequence, selection and repetition in programs  IT  Communicating using a range of devices.  Unit 3.2 – On-line safety | Digital literacy  Communicating using a range of devices.  IT  Selecting, using and combining a variety of software.  Units:  3.3 Spreadsheets  3.4 - Touch Typing | IT   * Using search technologies. * Selecting, using and combining a variety of software.   Units:  3.5 - Email  3.6-Branching Databases | Computer science  Refining the use sequence, selection and repetition in programs.  Unit 3.7 Simulations | IT  Using search technologies to collect, analyse, evaluate and present data and information  Unit 3.8 - Graphing |
| **Year 4** | Computer science   * Use sequence, selection and repetition in programs to use and manipulate varibles * Simple algorithms   Units  4:1 Coding + 1 week of 4.2 Online Safety | E-Safety   * The safe, respectful and responsible use of technology * Recognise acceptable/unacceptable behavior   Units  4.2– 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.   Units  4.3 – 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   Units  4.4 – 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.   Units  4.6 – Animation  4.7 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 |
| **Year 5** | Computer Science  Unit 5:1 Coding (5 weeks)  Unit 5.8 Word Processing with Microsoft Word (2 weeks) | E-Safety  Unit 5:2 E Safety (2 weeks)  Units: 5.3 Spreadsheets (6 weeks) | Digital Literacy  5.4 Databases (4 weeks) | Computer science  Unit 5.5 Coding (5 weeks) | Computer Science  Unit 5.6 Modelling (4 weeks) | Digital Literacy  Unit 5.7 Concept Mapping (4 weeks) |
| **Year 6** | Computer Science  Coding Unit 6.1 | E-Safety  Online Safety Unit 6.2 | IT  Spreadsheets Unit 6.3 | Digital Literacy  Malala Blogging Unit 6.4 | Computer Science  Text adventures Unit 6.5 | Digital Literacy  Networks Unit 6.6  Computer Science  Quizzing Unit 6.7 |