

Year 7 Units of Work

| Year 7 | Autumn Term | | Spring Term | | Summer Term | |
|---------------------------------|---|---|---|---|---|---|
| | 1st Half Term | 2nd Half Term | 1st Half Term | 2nd Half Term | 1st Half Term | 2nd Half Term |
| UNIT OF WORK | Folders/files/passwords. Introduction to Wadebridge network. Baseline test. | All about me. Uphone project. | Internet safety. PC basics (introduction to computing theory). | Logo programming. | Show time project. | Kodu/scratch programming. |
| CURRICULUM MAP | Understand a range of ways to use technology safely, respectfully, responsibly. | Undertake creative projects that involve selecting, using, and combining multiple applications. | Understand how numbers can be represented in binary. | Design, use and evaluate computational abstractions that model the state and behaviour of real-world problems and physical systems. | undertake creative projects that involve selecting, using, and combining multiple applications. | Design, use and evaluate computational abstractions that model the state and behaviour of real world problems and physical systems. |
| | | Create, re-use, revise and re-purpose digital artefacts for a given audience. | Understand the hardware and software components that make up computer systems. | use two or more programming languages, at least one of which is textual. | create, re-use, revise and re-purpose digital artefacts for a given audience. | use two or more programming languages, at least one of which is textual. |
| | | | Understand how instructions are stored and executed within a computer system. | | | design and develop modular programs that use procedures or functions. |
| ASSESSMENTS & TOPICS | Planning/screen shots. Capability, Communication and manipulating information. | Producing powerpoint/planning/evaluation Communication and manipulating information. | Creating a website about internet safety. Communication and collaboration, Critical evaluation. | Create logo shapes and objects. Critical evaluation. | Exploring ideas and manipulating information. | Exploring ideas and manipulating information. |
| | Baseline test establishing prior knowledge. | House styles/spreadsheets/DTP | PC basics - networks/binary/hardware/cryptography/components/input - output/sensors. | | Project covering Spreadsheets/web design/Graphics. | |
| HOMEWORK | Literacy spellings key words. | Literacy spellings key words | Literacy spellings key words. | Literacy spellings key words. | Literacy spellings key words. | Literacy spellings key words. |