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|  | **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** | **Year 6** |
| **Computer Science** | Instructions, Input, Sequence  Digital device, create,  **Introduce**: debug | Scratch, Test, Predict, Algorithm, Robot, Program  Programable  **Consolidate**:  debug | Animation, Software. Code, programs execute, unambiguous, designing  **Introduce**:  specific goals  Sequencing software  Input, output | HTML, HTTP, Hyperlink, URL, tag, simulation, interactive, prototype, **consolidate**: specific goals  Sequencing software input, output,  **Introduce:** variables | Binary Code, Cipher, Decrypt, Encrypt, controlling systems, decomposing systems, selection and repetition in programs  **Build on:**  Variables | Python, Procedure, Syntax, Flowchart, Pseudocode, Linear Search, Random Search, Binary Search, Quicksort, Selection Sort  **Consolidate:**  Variables |
| **Information Technology** | Mouse, Keyboard, Monitor, Printer, Cursor,  Information,  **Introduce:** technology | Organise, store, manipulate, retrieve,  **Build on:**  Technology  **Introduce:**  information technology  Digital content. | Pixel, Portfolio, Chart, Classification Key, Data, Database, select, combine, presenting  **Consolidate:**  Technology,  information technology  Digital content.  **Introduce:**  Software, computer network(ing) Internet | , The Web, internet services, systems,  **Consolidate:**  Software, copyright, plagiarism, computer network(ing), Internet | Data-logging, spreadsheet, sample, software, virtual environment, | Geometric, Landscape, op art, Symmetry, Tessellations, Screencast, Navigation, domain name |
| **Digital literacy**  **(Inc. online safety)** | Text, image, save, find  Safely  **Introduce:**  Concern, Online-Safety, | Address, Attachment, Email, Presentation  Google, Search Engine, Research, Password  **Build on:**  Concern  Online-Safety,  **Introduce:**  Personal information, respectfully, private | Security, contact, multiple services, world wide web  **Consolidate:**  Concern, personal information, respectfully.  Online-Safety, private  **Introduce:**  (un) acceptable behaviour, inappropriate behaviour. | Spreadsheets,  Wikipedia, Wikipedia’s Five Pillars, Reliable, Wiki, communication, search results, report  **Consolidate:**  (un) acceptable behaviour, inappropriate behaviour.  **Introduce:**  Ranked | Blog, Blogroll, Copyright, Hyperlinks, Podcast. Dashboard  Bias, Page, medium  **Consolidate:**  Rank,  **Introduce:**  Consequences,  encrypted | Desktop Publishing (DTP), Typeface, Footage, Final Cut, Creative Commons, Rough Cut  Geotagging, GPS, Tracklog, Smartphone, Metadata, media content  **Consolidate:**  Consequences,  encrypted |