**Computing 2023 -2024**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | AUTUMN TERM | | SPRING TERM | | SUMMER TERM | |
| Y3 | **Computing: Digital Literacy (Information Technology)**  Word Processing  Create a document  **E-Safety**  Introduction to E safety. Be Smart rules.  Privacy and security | **Computing: Computer Science**  Introduction to the algorithms and **sequences**  (in Scratch)  **E-safety**  Online Bullying | **Computing: Using Computer Science, Digital Literacy (Information Technology)**  Create, collect data and film a Sandwich Day  **E-safety**  Safer Internet day  online reputation | **Computing**: **Understanding Technology**  Understanding digital devices  **E-safety**  Self-Image and Identity | **Computing: Computer Science**  Developing knowledge of **sequences** with events and actions (in Scratch)  **E-safety**  Health, Wellbeing and Lifestyle | **Computing: Digital Literacy (Data)**  Introducing Branching databases  (Link to Science Plants)  **E-safety**  Copyright and Ownership |
| Y4 | **Computing:**  **Digital Literacy (Information Technology)**  Wikis  and create a document  **E-safety**  Privacy and security | **Computing:**  **Computer Science** Knowledge and use of **Repetition** (in LOGO)  **E-safety**  Online Bullying | **Computing: Digital Literacy: (Data and Data representation)**  Collecting and using data (data loggers)  **E-safety**  Safer Internet day  online reputation | **Computing:**  **Computer Science** Developing knowledge and use of **Repetition** (in Scratch)  **E-safety**  Self-Image and Identity | **Computing: Digital Literacy (Information Technology)**  Photo editing  Document on Romans Presentation in Geography  **E-safety** Health, Wellbeing and Lifestyle | **Computing: Understanding Technology**  Understanding networks  **E-safety**  Copyright and Ownership |
| Y5 | **Computing: Understanding Technology &**  **Digital Literacy**  Exploring the Vikings using I.T. and Computer Science  Research presentation  **E-safety** Privacy and security | **Computing:**  **Computer Science**  Focussing on **selection** Create a Maze game (in Scratch)  **E-safety**  Online Bullying | **Computing: Digital Literacy (Data and Data representation)**  Flat File databases  **E-safety**  Safer Internet day  online reputation | **Computing: Digital Literacy (Information Technology)**  Video Editing and presentations  **E-safety**  Self-Image and Identity | **Computing:** **Computer Science**  Design and create own micro: bit based step counter  **E-safety** Health, Wellbeing and Lifestyle | **Computing:**  **Computer Science**  Deepening knowledge of **selection** and introducing **variables** creating Maths games  **E-safety** Copyright and Ownership |
| Y6 | **Computing: Digital Literacy (Information Technology)**  Creating Webpages document about animals  **E-safety**  Privacy and Security | **Computing: Digital Literacy (Information Technology and Data and Data representation)**  Spreadsheets and data  linked to Christmas party costs  **E-safety**  Online Bullying | **Computing:**  **Understanding Technology, Digital Literacy (Information Technology)**  Modelling the Internet  **E-safety**  Safer Internet day  online reputation | **Computing: Digital Literacy (Data and Data representation)**  Vector Drawing  Using Google Draw  **E-safety**  Self-Image and Identity | **Computing:** **Computer Science**  Using Scratch with micro: bits (including use of **selection** and **variables**)  **E-safety**  Health, Wellbeing and Lifestyle | **Computing: Computer Science & Digital Literacy (Information Technology)**  Code Cracking  linked to WW2  **E-safety**  Copyright and ownership |