Curriculum LTP – 2021/22 - Computing

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| **Year Group/Term** | **Autumn** | **Spring** | **Summer** |
| **Year 1** | **Poster – insert images**  **Unplugged algorithms and Beebot – algorithms**  **E- safety – stay safe online** | **Leaflet - different font sizes and colours.**  **E-safety – stay safe online** | **Google slides - different font sizes and colours and insert images.**  **Scratch junior – simple algorithms and debugging (movement of one sprite)**  **E-safety – stay safe online** |
| **Year 2** | **Google slides - change the font, size and colour and add images**  **Scratch Junior - algorithms and debugging (movement of two sprites simultaneously)**  **E- safety – Use technology safely and respectfully.** | **Pop art - create a digital painting**  **E- safety – personal information** | **PowerPoint - change the font, size and colour and add images.**  **Scratch Junior - algorithms and debugging begin to look at repetition (movement of two sprites simultaneously)**  **E- safety – personal information** |
| **Year 3** | **Word Document - alignment of text, insert a table/picture/list**  **Scratch Junior – design and debug programs, include repetition, sequence and begin to use variables (move to another scene and talking)**  **E-safety – stay safe whilst communicating** | **Google sheets - present data**  **E-safety – cyber bullying** | **PowerPoint - present information using different font sizes, colours and images, add in slide transitions**  **Crumble - use sparkles to make traffic lights**  **E-safety – cyber bullying** |
| **Year 4** | **Leaflet - Desktop Publishing software including different font, size, colour, images and tables**  **Crumble – using multiple sparkles,buttons detect and correct errors in algorithms.**  **E-safety – know how to use technology safely, respectively and responsibly.** | **PowerPoint - adding a sound clip/video and hyperlinks**  **E-safety – understand to use search engines with caution.** | **Peer feedback - create a short presentation to teach others.**  **Scratch - Solve problems by decomposing them into smaller parts.**  **E-safety - use a variety of digital tools responsibly to communicate with others.** |
| **Year 5** | **Poster - include different font, size, colour, images and tables to communicate meaning for a given audience**  **Scratch - use variables within a program.**  **E-safety – understand how to set passwords and privacy high.** | **Create an e-book - Abide by copyright rules and use a range of devices.**  **Crumble – use a motor to focus on input and output device when programming.**  **E-safety – begin to understand “digital footprint”** | **Create a movie linked to a topic using iMovie.**  **E-safety - Know the different types of password for devices and be able to evaluate their effectiveness.** |
| **Year 6** | **Presentation - use Word Processing, Desktop Publishing and Presentation software with confidence.**  **Crumble–sensor and motor**  **E-safety – cyber bullying** | **Use Excel software to present and analyse data and information.**  **E-safety - Understand that they are responsible for information that is shared online and recognise how this may impact others.** | **Presentation/App Smash - using a range of software for effect**  **Revisit Programming – transition project** |