**Long Term Plan – Computing 2022/23**

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| **Computing** | **EYFS** | **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** | **Year 6** |
| **Autumn 1** | **Me & My Community**  Learning mouse control- Drawing, games etc | **Childhood History**  **Treasure Hunters**  Solving problems using programmable toys. | **Movers & Shakers**  **We are Safe Researchers**  Researching a topic | **Through the Ages We are Opinion Pollsters**  Collecting and analysing data. | **Invasion**  **We are Software Developers**  Developing a simple educational game | **Dynamic Dynasties**  **We are Web Developers**  Making sense of the Internet & building a website. | **Maafa- We are Computational Thinkers**  Mastering algorithms for Searching, sorting & maths. |
| **Autumn 2** | **Once Upon a Time**  Learning mouse control- Drawing, games etc | **Childhood History**  **We are Detectives**  This term we learn how to long onto the computers. | **Movers & Shakers**  **We are Astronauts**  Programming on screen in ScratchJr. | **Through the Ages**  **We Are Who We Are**  Creating presentations about ourselves. | **Invasion**  **We are Musicians**  **Creating a piece of work using Garage band** | **Dynamic Dynasties**  **We are Cryptographers**  Cracking codes | **Maafa**  **We are Connected**  Developing skills for social media. |
| **Spring 1** | **Starry Night**  Learning mouse control- Drawing, games etc | **Bright Lights, Big City**  **We are Digital Artists**  Creating work inspired by great artists. | **Coastline**  **We are Zoologists**  Collecting data about bugs | **Rocks, Relics & Rumbles**  **We are Bug Fixers**  **Finding and correcting bugs.** | **Misty Mountain, Winding River**  **We are Meteorologists**  Presenting the Weather | **Sow, Grow & Farm**  **We are Games Developers**  Creating an interactive adventure using presentation software. | **Frozen Kingdoms We are Advertisers**  Creating a short television advert |
| **Spring 2** | **Dangerous Dinosaurs**  Learning mouse control- Drawing, games etc | **Bright Lights Big City**  **We are TV Chefs**  Filming the steps of a recipe. | **Coastline**  **We are Photographers**  Taking, selecting and editing digital images. | **Rocks, Relics & Rumbles**  **We are Presenters**  Videoing a presentation against a green screen. | **Misty Mountain, Winding River**  **We are Makers**  Coding for MicroBit | **Sow, Grow & Farm**  **We are Adventure Gamers**  Creating an interactive adventure using presentation software | **Frozen Kingdoms We are Publishers**  Creating a yearbook or magazine. |
| **Summer 1** | **Sunshine & Sunflowers**  Learning mouse control- Drawing, games etc | **School Days**  **We are Publishers**  Creating a multimedia ebook about our achievements. | **Magnificent Monarchs We are Animated**  Creating a stop motion animation. | **Emperors & Empires We are Co-Authors**  Producing a Wiki | **Ancient Civilisations**  **We are Bloggers**  Sharing experiences and opinions. | **Ground Breaking Greeks**  **We are Architects**  **Creating a virtual space** | **Britain at War**  **We are Toy Makers**  **Coding and physical computing.** |
| **Summer 2** | **Big Wide World**  Learning mouse control- Drawing, games etc | **School Days**  **We are Rhythmic**  Creating sound patterns in ScratchJr and Garageband | **Magnificent Monarchs**  **We are games testers**  **Working out the rules for games.** | **Emperors & Empires We are Programmers**  Programming an animation. | **Ancient Civilisations**  **We are Artists**  Fusing geometry and art. | **Ground Breaking Greeks**  **We are VR Designers**  Experimenting with virtual reality. | **Britain at War We are AI Developers**  Learning about artificial intelligence & machine learning. |