**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. |