2023-2024 Computing Overview

Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	**Technology around Us** **Focus:** Recognising a variety of technology used at school and at home. **Computing POS:** Computer Science: Computational Thinking	**IWB /Ipad Games** **Focus:** Accessing simple educational games online **Computing POS:** Digital Literacy: Health, well-being and lifestyle	**Digital Mics** **Focus:** Recording sound with different resources. **Computing POS:** Information Technology: Sound	**Remote Control Toys** **Focus:** Using simple sequences of commands to control a digital device. **Computing POS:** Computer Science: Coding	**Photos** **Focus:** Taking photographs **Computing POS:** Information Technology: Photography & Digital Art	**Videos** **Focus:** Recording and playing videos **Computing POS:** Information Technology: Video Creations
Y1	**We are Treasure Hunters** **Focus:** Solving problems using programmable toys **Computing POS:** Computer Science: Coding	**We are TV Chefs** **Focus:** Filming the steps of a recipe **Computing POS:** Computer Science: Computational Thinking	**We are Digital Artists** **Focus:** Creating work inspired by great artists **Computing POS:** Information Technology: Creativity	**We are Publishers** **Focus:** Creating a multimedia eBook about our achievements **Computing POS:** Digital Literacy: Online Safety	**We are Rhythmic** **Focus:** Creating sound patterns in Scratch Jr and GarageBand **Computing POS:** Information Technology: Media	**We are Detectives** **Focus:** Using data to solve clues **Computing POS:** Information technology: Data
Y2	**We are Astronauts** **Focus:** Programming on screen in Scratch Jr **Computing POS:** Computing Science: Coding	**We are Games Testers** **Focus:** Working out the rules for games **Computing POS:** Computational Science: Computational Thinking	**We are Photographers** **Focus:** Taking, selecting and editing digital images **Computing POS:** Information Technology: Media	**We are Safe Researchers** **Focus:** Researching a Topic **Computing POS:** Digital Literacy: Online Safety	**We are animators** **Focus:** Creating a stop-motion animation **Computing POS:** Information Technology: Media	**We are Zoologists** **Focus** Collecting data about bugs **Computing POS:** Information Technology: Data
Y3	**We are Programmers** **Focus:** Programming an animation **Computing POS:** Computer Science: Coding	**We are Bug Fixers** **Focus:** Finding & correcting bugs **Computing POS:** Computer Science: Computational Thinking	**We are Presenters** **Focus:** Videoing a presentation against a green screen **Computing POS:** Information Technology: Media	**We are who we are** **Focus:** Creating presentations about ourselves **Computing POS:** Digital Literacy: Online Safety	**We are co-authors** **Focus:** Producing a wiki **Computing POS:** Information Technology: Media	**We are Opinion Pollsters** **Focus:** Collecting & analysing data **Computing POS:** Information Technology: Data
Y4	**We are Software Developers** **Focus:** Developing a simple educational game **Computing POS:** Computer Science: Coding	**We are Makers** **Focus:** Coding for Microbit **Computing POS:** Computer Science: Coding	**We are Musicians** **Focus:** Creating a piece of music in GarageBand **Computing POS:** Information Technology: Media	**We are Bloggers** **Focus:** Sharing experiences & opinions **Computing POS:** Digital Literacy: Online Safety	**We are Artists** **Focus:** Fusing geometry & Art **Computing POS:** Computer Science: Coding	**We are meteorologists** **Focus:** Recording & presenting the weather **Computing POS:** Information Technology: Data
Y5	**We are Game Developers** **Focus:** Developing an interactive game **Computing POS:** Computer Science: Coding	**We are Cryptographers** **Focus:** Cracking Codes **Computing POS:** Computer Science: Computational Thinking	**We are Architects** **Focus:** Creating a virtual space **Computing POS:** Information Technology: Media	**We are Web Developers** **Focus:** Making sense of the internet & bustling a website **Computing POS:** Digital Literacy: Online Safety	**We are Adventure Gamers** **Focus:** Creating an interactive adventure using presentation software **Computing POS:** Information Technology: Media	**We are VR Designers** **Focus:** Experimenting with virtual and augmented reality **Computing POS:** Information Technology: Media
Y6	**We are Toy Makers** **Focus:** Coding & physical computing **Computing POS:** Computer Science: Coding	**We are Computational Thinkers** **Focus:** Mastering algorithms for searching, sorting maths **Computing POS:** Computer Science: Computational Thinking	**We are Publishers** **Focus:** Creating a yearbook or magazine **Computing POS:** Information Technology: Media	**We are Connected** **Focus:** Developing skills for social media **Computing POS:** Digital Literacy: Online Safety	**We are Advertisers** **Focus:** Creating a short television advert **Computing POS:** Information Technology: Media	**We are AI Developers** **Focus:** Learning about AI and machine learning **Computing POS:** Computer Science: Coding