Computing Overview
2023 - 2024

	Year R	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn I	Exploration technology - Programming Toys e.g. Beebots	Giving Instructions as to how to operate a computer *Using the internet safety SMART rules*	Online Safety – possible dangers e.g. virus Coding/Algorithms	E safety -strong password Phishing emails Privacy settings	E-safety – cyberbullying	E – Safety – plagiarism, copyright	E-safety – identifying how a website is secure Stereotypes
Autumn II	Observing technology	**Information Technology** Creating media - Digital painting	**Information Technology** Creating media - Digital photography	**Information Technology** Creating Media - Desktop publishing	**Information Technology** Creating Media - Photo editing	**Information Technology** Introduction to vector graphics	**Information Technology** Creating Media 3D Modelling
Spring I	Find out about people using technology	**Information and Technolgy** Creating media - Digital writing	**Information and Technolgy** Creating media - Digital music	**Information and Technolgy** Creating Media - Stopframe animation	**Information and Technolgy** Creating Media - Audio production	**Information and Technolgy** Creating Media – Video production	**Information and Technolgy** Creating media - Webpage creation
Spring II	Finding out about places using technology	**Digital Literacy** *Handling Data - Grouping*	**Digital Literacy** *Handling Data - Pictograms*	**Digital Literacy** *Handling Data -Branching databases*	**Digital Literacy** *Handling Data -Data logging*	**Digital Literacy** *Handling Data – Flat – File databases*	**Digital Literacy** *Handling Data – Introduction to spreadsheets*
Summer I	Finding out about our environment using technology	**Digital Literacy** *Technolgy in our lives – Technology around us*	**Digital Literacy** *Technolgy in our lives - Information technology around us*	**Digital Literacy** *Technolgy in our lives – Connecting computers*	**Digital Literacy** *Technolgy in our lives – Connecting computers – The Internet*	**Digital Literacy** *Technolgy in our lives – Systems and searching*	**Digital Literacy** *Technolgy in our lives – Communication and collaboration*
Summer II	Using technology to make sense of the physical world	***Computer Science*** *Coding and Programming – Moving a Robot*	***Computer Science*** *Coding and Programming - Robot Algorithms*	***Computer Science*** *Coding and Programming – Sequencing sounds*	***Computer Science*** *Coding and Programming – Repitition in shapes*	***Computer Science*** *Coding and Programming – Selection in Physical Computing*	***Computer Science*** *Coding and Programming – Variables in games*