Computing

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 1	**Unit 2 We are TV chefs** Pupils produce short videos of themselves making a healthy meal or snack.	**Unit 5 We are Story Tellers** Pupils to create a talking book	**Unit 1 We are Treasure Hunters** Pupils to program a robot to follow a route	**Unit 6 We are Celebrating** Pupils to create a digital greetings card	**Unit 3 We are Painters** Using a paint program on the computer, to produce the missing illustrations and create an E-book	**Unit 4 We are Collectors** Pupils to collect and organise images.
Year 2	**Unit 1 We are Astronauts** Pupils to program a sprite	**Unit 2 We are Game Testers** Pupils to investigate Scratch games and online games	**Unit 3 We are Photographers** Pupils to take, edit and display photos in a shared portfolio	**Unit 4 We are Researchers** Pupils to research a topic and produce a multimedia presentation	**Unit 5 We are Opinion Pollsters** Pupils to create their own opinion poll, seek responses, and then analyse the results	**Unit 6 We are Zoologists** Pupils to record, organise and present findings of a bug hunt
Year 3	**Unit 1 We are Programmers** Pupils to create an animation	**Unit 2 We are Bug Fixers** Pupils to explore and create Scratch projects.	**Unit 4 We are Network Engineers** Pupils to investigate computer networks and testing network connection.	**Unit 5 We are Communicators** Pupils to learn about e-safety and simple computer skills	**Unit 6 We are Opinion Pollsters** Pupils to create and carry out an opinion poll	**Unit 3 We are Presenters** Pupils to make short, narrated videos
Year 4	**Unit 1 We are Software Developers** Pupils to play, analyse, make and test computer games	**Unit 2 We are Toy Designers** Pupils to design a simple toy	**Unit 3 We are Musicians** Pupils to create, record and perform music online	**Unit 4 We are HTML Editors** Pupils to learn about HTML language and make their own web page	**Unit 6 We are Meteorologists** Pupils to use data analysis and presentation to be meteorologists and weather presenters	**Unit 5 We are Co-authors** Pupils to investigate Wikipedia
Year 5	**Unit 1 We are game developers** Pupils to plan and design a computer game	**Unit 3 We are artists** Pupils to explore geometric art using vector and turtle graphics.	**Unit 2 We are Cryptographers** Pupils to learn about cryptography and long-distance communication	**Unit 4 We are Web Developers** Pupils to create a website, focussing on e-safety.	**Unit 5 We are bloggers** Pupils create a media-rich blog, comment on blogs and respond to comments.	**Unit 6 We are Architects** Pupils to use Trimble SketchUp to create their own virtual gallery.
Year 6	**Unit 1 We are Adventure Gamers** In this unit, the pupils learn a few commands of a text-based programming language (Python), enabling progression from Scratch. They create a simple, textbased adventure game.	**Unit 2 We are Computational Thinkers** In this unit, the pupils participate in some hands-on unplugged activities that help them to develop an understanding of some important algorithms. They also investigate these when implemented as Scratch or Snap! programs.	**Unit 3 We are Advertisers** In this unit, the pupils review existing adverts or promotional films, create a storyboard, shoot original footage, source other media and edit a final version of their movie.	**Unit 5 We are App Developers** Pupils to code a working app.	**Unit 4 We are Interface Designers** Pupils to design the interface for their apps.	**Unit 6 We are Marketers** Pupils to create marketing materials for their apps.