

# Curriculum Overview for Computing Autumn term.



Year 1	'We are treasure hunters' is the name of the ICT topic in Year 1. In this topic they will be getting to know how to use computers and programmable toys. They will program simple toys to move around a specific route. In doing this they will start by thinking of simple algorithms for their routes, then input these into the programmable toys.
Year 2	'We are TV chefs' is the name of the ICT topic in Year 2. In this topic they will produce their own short video. To do this the children will storyboard their video, film each other for video, then use a simple movie making software to edit their film. During this they will decompose problems into smaller parts - an important idea of computer science.
Year 3	'We are astronauts' is the name of the ICT topic in Year 3. In this topic they will use simple programming to control an image on their screen. To do this the children will be using a simple coding language called 'Scratch'. In this topic children will learn about algorithms and how to debug (fix) simple computer programs.
Year 4	'We are programmers' is the name of the ICT topic in Year 4. In this topic they will be creating their own animated cartoon using characters they have designed. They will be using the computer to program their cartoon in a simple coding language called 'Scratch'. Within this, the children will create their own simple storyboards to help them, like professional cartoonists.
Year 5	'We are programmers' is the name of the ICT topic in Year 5. In this topic they will be creating their own animated cartoon using characters they have designed. They will be using the computer to program their cartoon in a simple coding language called 'Scratch'. Within this, the children will create their own storyboards to help them, just like professional cartoonists.
Year 6	'We are software developers' is the name of the ICT topic in Year 6. In this topic they will be developing and creating their own educational game, using a simple coding language called 'Scratch'. The children will play and evaluate different educational games to then create and base a game to help other children learn about their Literacy book topic.