

## Whole School Long Term Subject Plan - I.C.T (New National Curriculum)

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Year 1</b>	<b>Programming:</b> We are treasure hunters - Using programmable toys (link to Geog - locational knowledge).	<b>Computational Thinking:</b> We are TV chefs (link to science - animals / humans)	<b>Productivity:</b> We are celebrating - creating an electronic card (link to Mothers Day).	<b>Creativity:</b> We are painters - creating an e-book.	<b>Computer Networks:</b> We are collectors - Finding images using the web.	<b>Communication / Collaboration:</b> We are storytellers.
<b>Year 2</b>	<b>Computer Networks:</b> We are researchers - Researching a topic.	<b>Communication / Collaboration:</b> We are detectives communicating clues.	<b>Creativity:</b> We are photographers - taking, selecting and editing digital images.	<b>Productivity:</b> We are zoologists - recording bug hunt data.	<b>Programming:</b> We are astronauts - programming on screen (Scratch).	<b>Computational Thinking:</b> We are games testers - explore how computer games work.
<b>Year 3</b>	<b>Computational Thinking:</b> We are bug fixers - finding and correcting bugs in programmes (Scratch).	<b>Creativity:</b> We are presenters - shooting and editing video (Movie Maker).	<b>Productivity:</b> We are opinion pollsters - creating a survey and analysing results.	<b>Computer Networks:</b> We are network engineers - find out how the school network works.	<b>Programming:</b> We are programmers - programming an animation (Scratch).	<b>Communication / Collaboration:</b> We are communicators - collaborating by e-mail.
<b>Year 4</b>	<b>Programming:</b> We are software developers - developing a simple educational game.	<b>Computational Thinking:</b> We are toy makers - making an interactive toy.	<b>Computer Networks:</b> We are html editors - editing and writing html.	<b>Productivity:</b> We are meteorologists - recording and analysing weather data.	<b>Communication / Collaboration:</b> We are co-authors - Producing a wiki.	<b>Creativity:</b> We are musicians - producing digital music.
<b>Year 5</b>	<b>Computer Networks:</b> We are web developers - creating an e-safety site.	<b>Communication / Collaboration:</b> We are bloggers - creating and writing a blog page.	<b>Productivity:</b> We are architects - creating a virtual space.	<b>Creativity:</b> We are artists - creating geometrical art (Scratch).	<b>Programming:</b> We are games developers - developing an interactive games (Kodu, Scratch).	<b>Computational Thinking:</b> We are cryptographers - cracking codes (Scratch).
<b>Year 6</b>	Basic Skills	E-Safety	We are Explorers.	We are fundraiser (Charity Fundraisers)	We are game developers.	We are publishers.