	Autumn			Spring			Summer		
EYFS 1	**Computing (understanding the world – technology)**								
	Children in our Pre-school begin to become more aware of **technology.** They are taught how to **competently** and **confidently select** their own dinner choices from the **interactive whiteboard**, when entering in the morning. The children have a range of technology in the role play, where they 'act out' using the technology (such as a keypad, camera, calculator) responsibly and respectfully. Children begin using **tapestry** as a platform to **publish** school and **home learning**. They relate technology to understanding of their own world and **sharing** their own news. Children will learn to safely use the **learn pads** to take photos and also **research information**; for example, before going on a school trip to a farm in term 4. They will also use learnpads to support their weekly Forest School session, by taking photos and researching minibeasts and things they find outside during Term 5.								
EYFS 2	**Computing (understanding the world – technology)**								
	Children in our Reception classes learn to use **technology** in a **responsible**, **competent**, and **confident** manner on a day-to-day basis during their independent learning through the use of Bee-Bots and learnpads. However, it is in Term 3 where their developing knowledge of computing is brought to life especially through their topic 'Where in the World?'. Here children will learn about early programming and algorithms as they program Bee-Bots around Antarctic ice shelves and understand the purposes of exploring equipment such as thermals and snow shoes. They will begin to think logically about the equipment needed to become a real life explorer, as well as exploring how video and photographic footage is available for us to look at. Throughout the year, children will begin to understand the scope of technology; for example when they use Google Earth to look at a view from space as part of their 'Let's go on an adventure' topic. The planned experiences and opportunities that the children encounter provide with them with **firm foundations** to build upon their knowledge and develop **digital literacy** for future learning.								
Year 1	**Digital literacy**	**Computer science**	**Information technology**	**Computer science**	**Computer science**	**Information technology**	**Computer science**	**Information technology**	**Digital literacy**
	Online safety and explore Purple Mash	Grouping & Sorting	Pictograms	Lego Builders	Maze explorers	Animated Story Books	Coding	Spreadsheets	Technology outside school
Year 2	**Computer science**	**Digital literacy**	**Information technology**	**Information technology**	**Digital literacy**	**Information technology**	**Information technology**	**Information technology**	
	Coding	Online Safety	Spreadsheets	Questioning	Effective Searching	Creating Pictures	Making Music	Presenting Ideas	
Year 3	**Information technology**	**Digital literacy**		**Information technology**	**Digital literacy**	**Information technology**	**Computer science**	**Information technology**	**Information technology**
	Touch Typing	Emails		Presenting	Online Safety	Spreadsheets	Coding	Branching Databases & Simulations	Graphing
Year 4	**Computer science**	**Digital literacy**	**Information technology**	**Information technology**	**Computer science**	**Information technology**	**Information technology**	**Computer science**	**Information technology**
	Coding	Online Safety	Spreadsheets	Logo	Animation	Effective searching	Writing for different audiences	Hardware	Making Music
Year 5	**Computer science**	**Digital literacy**		**Computer science**	**Information technology**		**Information technology**	**Information technology**	**Information technology**
	Game Creator	Online Safety		Coding	Spreadsheets		Databases	3D Modelling	Concept Maps
Year 6	**Computer science**	**Digital literacy**	**Information technology**	**Information technology**	**Computer science**	**Computer science**	**Information technology**	**Computer science**	**Information technology**
	Coding	Online Safety	Spreadsheets	Blogging	Text Adventures	Networks	Quizzing	Understanding Binary	Spreadsheets