Computing Subject Overview

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
EYFS – Class England	**Uses of technology** *Identifying technology within the classroom*	**Uses of technology** *Identifying technology within the classroom and the environment*	**Programming** *Unplugged – following instructions*	**Uses of technology** *Identifying technology within the classroom and home*	**Uses of technology** *Creating videos with sound*	**Uses of technology** *Typing and keyboard skills*
Year 1- Class France	**Programming (Unplugged)** *Exploring algorithms in a relatable way and being introduced to key vocabulary*	**Uses of Information Technology** *Recognise common uses of information technology within school*	**Programming (Concrete)** *Reinforcing concepts taught in the "Unplugged" unit of work using the same vocabulary and visual coding*	**Using Information Technology Software -Creating Media** *Use a paint software program to create a digital picture*	**Programming (Abstract)** *Introduce plugged activities using apps and website using vocabulary and visual coding already taught*	**Using Information Technology Software – Exploring and Evaluating Applications** *Explore different applications and learn that different applications can achieve different products*
Year 2- Class Morocco	**Programming (Unplugged)** *Exploring algorithms in a relatable way and being introduced to key vocabulary*	**Uses of Information Technology (NCCE Unit)** *To recognise how technology is used outside of school*	**Programming (Concrete)** *Reinforcing concepts taught in the "Unplugged" unit of work using the same vocabulary and visual coding*	**Using Information Technology Software -Creating Media** *Use devices to take photographs, and learn that photographs can be edited, retaken and shared*	**Programming (Abstract)** *Introduce plugged activities using apps and website using vocabulary and visual coding already taught*	**Using Information Technology Software – Recording data on pictograms** *Record data into a software program, and learn how data can be represented in graphs*
Year 3- Class China	**Programming (Unplugged)** *Exploring algorithms in a relatable way and*	**Using Information Technology – Creating Media**	**Programming (Concrete)** *Reinforcing concepts taught in the "Unplugged" unit of*	**Uses of Information Technology –**	**Programming (Abstract)** *Introduce plugged activities using apps and website using*	**Using Information Technology – Creating Stop Start Animation**

	being introduced to key vocabulary	**(Desktop Publishing)** *Learn about the features of Desktop Publisher*	*work using the same vocabulary and visual coding*	**Connecting Computers** *Learn how to search safely on the Internet, and how searches are made*	*vocabulary and visual coding already taught*	*Create an animation using a "Stop Start" application*
Year 4- Class Chile	**Programming (Unplugged)** *Exploring algorithms in a relatable way and being introduced to key vocabulary*	**Using Information Technology – Using Microsoft Word** *Learn about the features of Microsoft Word*	**Programming (Concrete)** *Reinforcing concepts taught in the "Unplugged" unit of work using the same vocabulary and visual coding*	**Searching by using Information Technology** *Understand how results from search engines are selected and ranked* *Learn that the internet is a large network which helps us to connect with each other*	**Programming (Abstract)** *Introduce plugged activities using apps and website using vocabulary and visual coding already taught*	**Using Information Technology to Create Media – editing photos** *Learn how to edit photos using a software program*
Year 5- Class India	**Programming (Unplugged)** *Exploring algorithms in a relatable way and being introduced to key vocabulary*	**Searching by Using Information Technology** *Understand that websites can be manipulated and changed, and how to spot credible websites*	**Using Information Technology – Using software to create drawings** *Create vector drawings by combining shapes using a software program*	**Uses of Information Technology – Sharing Information** *Learn that each computer has a unique I.P. address, and how we can use the Internet to communicate*	**Programming (Abstract)** *Introduce plugged activities using apps and website using vocabulary and visual coding already taught*	**Using Information Technology Software –Creating Videos** *Plan and create their own video using a software program*
Year 6- Class USA	**Programming (Unplugged)** *Exploring algorithms in a relatable way and*	**Using Information Technology – databases** *Create a database and explain the difference*	**Using Information Technology** *Use features of Microsoft Word to create a piece of work*	**Programming (Abstract)** *Introduce plugged activities using apps and website using*	**Uses of Information Technology – Communicating**	**Using Information Technology to create a website**

	being introduced to key vocabulary	*between data and information, and how data can be attributed*		*vocabulary and visual coding already taught*	**through the Internet** *Learn how to communicate through the Internet through wireless technology and how search engines function*	*Use "Google Sites" to create their own web page*