

Computing Medium Term Plans

Year 4



E-safety to be discussed weekly when technology is used throughout the year

Term	Units	Lesson Focus
Autumn 1	E-safety	<p>To choose a secure password.</p> <p>To know a safe name to use online.</p> <p>To know and discuss ways to keep safe online.</p> <p>To know how to use safety features of an online program.</p> <p>To know that anything I share online can be seen by others.</p> <p>To choose age appropriate websites and games.</p> <p>To know the dangers of downloading apps and games.</p>
Autumn 2	Technology in our lives	<p>To know whether a resource I am using in online.</p> <p>I can identify key words to use when searching safely online.</p> <p>To think about how reliable the information I find is online.</p> <p>To be able to tell you how to check who owns photos and text.</p> <p>To create a hyperlink to a resource online.</p> <p>To know that websites advertise online.</p>

Spring 1	Programming	<p>To use logical thinking to solve an open-ended problem by breaking it up into smaller parts.</p> <p>To use an efficient procedure to simplify a program.</p> <p>To know that I need to keep testing my program to check it works.</p> <p>To use a variety of tools and resources to create a program. (In PE, Purple Mash, 2code.)</p> <p>To recognise an error in a program and debug it (fix it.)</p> <p>To recognise that using algorithms (sequence of instructions) will also help solve problems in other learning such as Maths, Science and Design and Technology.</p>
Spring 2	Handling Data	<p>To organise and show data in several different ways.</p> <p>To collect data and identify where it could be inaccurate.</p> <p>To plan, create and search a database to answer questions.</p> <p>To choose the best way to present data to my friends.</p> <p>To log data then record and share my findings with my friends.</p>
Summer 1	Multimedia	<p>To be able to use photos, video and sound to create and present work then share to different audiences. (imovies.)</p>

		<p>To explore new media confidently. (Videos, programs online, PowerPoint.)</p> <p>To change the appearance of text to increase its effectiveness. (Word art, font styles.)</p> <p>To create, modify and present work for a particular purpose.</p> <p>To use a keyboard confidently and make use of a spellchecker to write and review my work.</p> <p>To use an appropriate tool to share my work and collaborate online.</p>
Summer 2	Revise and consolidate our learning regarding the five main computing areas.	

