

Cycle A	Temple Ewell CEP School: Computing Curriculum Map			Computer Science (CS) Information Technology (IT) Digital Literacy (DL)	
	Acorns	Willows	Elms	Sycamores	Oaks
Terms 1 & 2	<p>Can I log in and use Purple Mash safely? (DL)</p> <p>Can I recognise technology in my home and school? (DL)</p>	<p>Can I use Purple Mash safely and independently? (DL)</p> <p>Can I create digital artwork using different tools? (IT)</p>	<p>Can I communicate digitally in a safe and appropriate way? (DL)</p> <p>Can I plan routes using digital tools? (CS)</p>	<p>Can I communicate ideas clearly using digital tools? (IT)</p> <p>Can I organise and classify information logically? (IT)</p>	<p>Can I create and evaluate an interactive quiz? (IT)</p> <p>Can I design and make a 3D game? (CS)</p>
Terms 3 & 4	<p>Can I create pictures using digital tools? (IT)</p> <p>Can I give and follow simple instructions? (CS)</p>	<p>Can I edit and improve digital pictures? (IT)</p> <p>Can I use a spreadsheet to organise information? (IT)</p>	<p>Can I organise data using tables and charts? (IT)</p> <p>Can I create presentations for an audience? (IT)</p>	<p>Can I create animations that tell a clear story? (IT)</p> <p>Can I understand how hardware and software work together? (CS)</p>	<p>Can I present data in the best possible way? (IT)</p> <p>Can I enter and use formulae to solve problems? (IT)</p>
Terms 5 & 6	<p>Can I make things happen by giving commands? (CS)</p> <p>Can I create a simple animated story? (IT)</p>	<p>Can I plan and create an animated story? (IT)</p> <p>Can I write a simple program using commands? (CS)</p> <p>Can I debug and improve a simple program? (CS)</p>	<p>Can I write programs that use logic and repetition? (CS)</p> <p>Can I understand how digital devices work? (CS)</p>	<p>Can I write programs that respond to conditions and inputs? (CS)</p> <p>Can I use spreadsheets to organise data clearly? (IT)</p>	<p>Can I code a device? (CS)</p> <p>Can I word process effectively? (IT)</p> <p>Can I explore computer-aided design in 3D? (IT)</p>
<p>Online Safety: 2BeSafe - Being Safe in a Digital World</p> <p>Online safety learning is revisited each year with increasing depth and maturity, aligned to pupils' developmental stage</p>					

Cycle B	Temple Ewell CEP School: Computing Curriculum Map			Computer Science (CS) Information Technology (IT) Digital Literacy (DL)	
	Acorns	Willows	Elms	Sycamores	Oaks
Term 1 & 2	<p>Can I use Purple Mash independently? (DL)</p> <p>Can I combine tools to create digital artwork? (IT)</p>	<p>Can I give directions and create routes? (CS)</p> <p>Can I explain what the internet is and how to use it safely? (DL)</p>	<p>Can I create animated content? (IT)</p> <p>Can I organise information using branching databases? (CS)</p>	<p>Can I search for information safely and effectively? (DL)</p> <p>Can I represent ideas visually to support my thinking? (IT)</p>	<p>What are networks and how do they work? (CS)</p> <p>How can I use a database effectively? (IT)</p>
Terms 3 & 4	<p>Can I explain how technology helps us? (DL)</p> <p>Can I create my own instructions for others to follow? (CS)</p>	<p>Can I sort and organise information? (IT)</p> <p>Can I ask and answer questions using data? (IT)</p>	<p>Can I create digital content that uses sound effectively? (IT)</p> <p>Can I find information safely online? (DL)</p>	<p>Can I create sound and music for a specific purpose? (IT)</p> <p>Can I type accurately and efficiently? (IT)</p>	<p>What is a blog and how can I make a good one? (DL)</p> <p>How can concept maps help me with a project? (IT)</p> <p>What is a micro:bit? (CS)</p>
Terms 5 & 6	<p>Can I predict what will happen when I change commands? (CS)</p> <p>Can I improve my animated story by adding movement and sound? (IT)</p>	<p>Can I create music using digital tools? (IT)</p> <p>Can I create and follow instructions accurately? (CS)</p>	<p>Can I design, code, test and debug a program? (CS)</p> <p>Can I explore how technology is changing? (DL)</p>	<p>Can I design, test and improve a program? (CS)</p> <p>Can I explain how technology affects the world around me? (DL)</p>	<p>What is Python? (CS)</p> <p>How can spreadsheets be fully utilised? (IT)</p>
<p>Online Safety: 2BeSafe - Being Safe in a Digital World</p> <p>Online safety learning is revisited each year with increasing depth and maturity, aligned to pupils' developmental stage</p>					