




COMPUTING OVERVIEW EYFS

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		AUTUMN		SPRING		SUMMER	
Online safety		Media Balance and Well-Being: Smartie the Penguin		Privacy and Security: Barefoot Computing: Safety Snakes		Relationships and Communication: Digiduck's Big Decision	
		Cyberbullying: Digiduck's Famous Friend		Privacy and Security: Barefoot Computing: Safety Snakes		Relationships and Communication: Digiduck's Big Decision	
		<p>TERM 1 – INTRODUCTION TO TECHNOLOGY BIG IDEA: WHAT IS A COMPUTER? End point assessment: Can I talk about what a computer is and identify its features?</p> <p>TERM 2 – USING COMPUTERS BIG IDEA: COMPUTER SYSTEMS End point assessment: Can I use a mouse and paint tools to create a picture?</p>		<p>TERM 3 - CODING BIG IDEA PROGRAMMING-CODEAPLLAR End point assessment: Can I move a robot using a simple instruction?</p> <p>TERM 4 - DIGITAL ART BIG IDEA: CREATING MEDIA End point assessment: Can I use a school programme to upload photographs?</p>		<p>TERM 5 - ANIMATION BIG IDEA: PROGRAMMING End point assessment: Can I explore animations?</p> <p>TERM 6 – CODING BIG IDEA: PROGRAMMING-BEEBOT End point assessment: Can I move a robot using directional language?</p>	
		KS1					
		AUTUMN		SPRING		SUMMER	
Online safety (1 year cycle - cycle A and B)	Year 1	Media Balance and Well-Being: Pause for People	Cyberbullying: Media Balance Is Important	My Digital Footprint and Identity: Media Balance is important	Privacy and Security: Safety in My Online Neighbourhood	News and Media Literacy: Pause for People	Relationships and Communication: Media Balance Is Important
	Year 2	Media Balance and Well-Being: How Technology Makes You Feel	Cyberbullying: Pause and Think Online	My Digital Footprint and Identity: Pause & Think Online	Privacy and Security: Internet Traffic Light	News and Media Literacy: Pause & Think Online	Relationships and Communication: Pause & Think Online
CYCLE A		TERM 1 - GROUPING DATA Y1 BIG IDEA: DATA AND INFORMATION		TERM 3 - MOVING ROBOTS (Y1) BIG IDEA: PROGRAMMING		TERM 5 - ROBOT ALGORITHMS (Y2) BIG IDEA: PROGRAMMING	

		<p>End point assessment: Can I sort objects into different groups to answer a question about data?</p> <p>TERM 2 - PICTOGRAMS (Y2) BIG IDEA: DATA AND INFORMATION</p> <p>End point assessment: Can I use the data presented to answer questions?</p>	<p>End point assessment: Can I use commands to move a robot?</p> <p>TERM 4 - INTRODUCTION TO ANIMATION (Y1) BIG IDEA: PROGRAMMING</p> <p>End point assessment: Can I design and program the movement of a character to tell a story?</p>	<p>End point assessment: Does the order of commands affect the outcome?</p> <p>TERM 6 - INTRODUCTION TO QUIZZES (Y2) BIG IDEA: PROGRAMMING</p> <p>End point assessment: Can I give sequences of commands to have an outcome?</p>			
CYCLE B		<p>TERM 1 - TECHNOLOGY AROUND US (Y1) BIG IDEA: COMPUTER SYSTEMS AND NETWORKS</p> <p>End point assessment: Can I recognise technology in school and use it responsibly?</p> <p>TERM 2 - IT AROUND US (Y2) BIG IDEA: COMPUTER SYSTEMS AND NETWORKS</p> <p>End point assessment: How is IT being used for good in our lives?</p>	<p>TERM 3 - DIGITAL PAINTING (Y1) BIG IDEA: CREATING MEDIA</p> <p>End point assessment: Is digital painting better than painting with paint?</p> <p>TERM 4 - DIGITAL WRITING (Y1) BIG IDEA: CREATING MEDIA</p> <p>End point assessment: Can I use a computer to create and change text?</p>	<p>TERM 5 - DIGITAL PHOTOGRAPHY (Y2) BIG IDEA: CREATING MEDIA</p> <p>End point assessment: Can I capture and change digital photographs for a different purpose?</p> <p>TERM 6 - MAKING MUSIC (Y2) BIG IDEA: CREATING MEDIA</p> <p>End point assessment: Which is best- creating music digitally or non-digitally?</p>			
LKS2							
		AUTUMN	SPRING		SUMMER		
Online safety (1 year cycle - cycle A and B)	Year 3	Media Balance and Well-Being: Device-Free Moments	Cyberbullying: Putting a STOP to Online Meanness	My Digital Footprint and Identity: Digital Trails	Privacy and Security: That's Private	News and Media Literacy: Let's Give Credit!	Relationships and Communication: Who Is In Your Online Community?
	Year 4	Media Balance and Well-Being: Your Rings of Responsibility	Cyberbullying: The Power of Words	My Digital Footprint and Identity: This Is Me	Privacy and Security: Password Power-Up	News and Media Literacy: Is Seeing Believing?	Relationship and Communication: Our Digital Citizenship Pledge
CYCLE A		<p>TERM 1 - BRANCHING DATABASES (Y3) BIG IDEA: DATA AND INFORMATION</p>	<p>TERM 3 - SEQUENCE IN MUSIC (Y3) BIG IDEA: PROGRAMMING</p> <p>End point assessment: Can I use a sequence to create a program?</p>	<p>TERM 5 - REPETITION IN SHAPES (Y4) BIG IDEA: PROGRAMMING</p> <p>End point assessment: Can I create a program by planning, modifying and testing?</p>			

	<p>End point assessment: Can I create a branching database?</p> <p>TERM 2 - DATA LOGGING (Y4) BIG IDEA: DATA AND INFORMATION End point assessment: Can I review and analyse data?</p>	<p>TERM 4 - EVENTS AND ACTIONS (Y3) BIG IDEA: PROGRAMMING End point assessment: Can I use program extensions?</p>	<p>TERM 6 - REPETITION IN GAMES (Y4) BIG IDEA: PROGRAMMING End point assessment: Can I design and create a program that uses repetition?</p>
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CYCLE B	<p>TERM 1 - CONNECTING COMPUTERS (Y3) BIG IDEA: COMPUTER SYSTEMS AND NETWORKS End point assessment: What are inputs, processes and outputs?</p> <p>TERM 2 - THE INTERNET (Y4) BIG IDEA: COMPUTER SYSTEMS AND NETWORKS End point assessment: What is the World Wide Web?</p>	<p>TERM 3 – STOP-MOTION ANIMATION (Y3) BIG IDEA: CREATING MEDIA End point assessment: How do you create a stop-frame animation using a tablet?</p> <p>TERM 4 - DESKTOP PUBLISHING (Y3) BIG IDEA: CREATING MEDIA</p> <p>End point assessment: How and why is desktop publishing used in the real world?</p>	<p>TERM 5 - AUDIO-PRODUCTION (Y4) BIG IDEA: CREATING MEDIA End point assessment: How are devices able to record digital audio?</p> <p>TERM 6 - PHOTO-EDITING (Y4) BIG IDEA: CREATING MEDIA End point assessment: What impact does editing images have?</p>
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		AUTUMN		SPRING		SUMMER	
Online safety (1 year cycle - cycle A and B)	Year 5	Media Balance and Well Being: My Media Choices	Cyberbullying: Be a Super Digital Citizen	My Digital Footprint and Identity: Our Online Tracks	Privacy and Security: Private Personal Information	News and Media Literacy: A Creator's Rights and Responsibilities	Relationships and Communication: Keeping Games Fun and Friendly
	Year 6	Media Balance and Well Being: Finding My Media Balance	Cyberbullying: Is it Cyberbullying?	My Digital Footprint and Identity: Beyond Gender Stereotypes	Privacy and Security: You won't Believe This!	News and Media Literacy: Reading News Online	Relationships and Communication: Digital Friendships

CYCLE A	<p>TERM 1 - FLAT FILE DATABASES (Y5) BIG IDEA: DATA AND INFORMATION End of unit assessment: Can I use tools with a data base to answer questions about data?</p>	<p>TERM 3 - SELECTION IN PHYSICAL COMPUTING (Y5) BIG IDEA: PROGRAMMING End of unit assessment: Can I use my programming knowledge to connect and program components?</p>	<p>TERM 5 - VARIABLES IN GAMES (Y6) BIG IDEA: PROGRAMMING End of unit assessment: Can I design a quiz in response to a given task and implement it as a program?</p>
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	TERM 2 - SPREADSHEETS (Y6) BIG IDEA: DATA AND INFORMATION End of unit assessment: Can I create and use a spreadsheet?	TERM 4 - SELECTION IN QUIZZES (Y5) BIG IDEA: PROGRAMMING End of unit assessment: Can I use my programming knowledge to connect and program components?	TERM 6 - SENSING (Y6) BIG IDEA: PROGRAMMING End of unit assessment: What is sensing?
CYCLE B	TERM 1 - SHARING INFORMATION (Y5) BIG IDEA: COMPUTING SYSTEMS AND NETWORKS End of unit assessment: How is information transferred between systems and devices? TERM 2 - COMMUNICATION (Y6) BIG IDEA: COMPUTING SYSTEMS AND NETWORKS End of unit assessment: How do we communicate on the World Wide Web?	TERM 3 - VECTOR DRAWING (Y5) BIG IDEA: CREATING MEDIA End of unit assessment: How are vector drawings created? TERM 4 - VIDEO EDITING (Y5) BIG IDEA: CREATING MEDIA End of unit assessment: How do you create short videos?	TERM 5 - 3D MODELLING (Y6) BIG IDEA: CREATING MEDIA End of unit assessment: How do I use a computer to create 3D models? TERM 6 - WEB PAGE CREATION (Y6) BIG IDEA: CREATING MEDIA End of unit assessment: How do I create a website for a specific purpose?