



Computing Long Term Plan

Term	Discovery	Atlantis Cycle A	Atlantis Cycle B	Enterprise Cycle A	Enterprise Cycle B	Endeavour Cycle A	Endeavour Cycle B
AUTUMN 1	Little Computers Learning Parts of the Computer I Learn 2 Computer Discovery Key Skills– Logging on and logging off the laptops and iPads	STEM Unit– IT Around Us Embedd with- I Learn 2- Recognising uses of ICT I Learn 2– Mouse and Key-board Skills	STEM Unit– Technology Around Us Embed with I Learn 2- Recognising uses of ICT I Learn 2– Mouse and Key-board Skills	STEM Unit- Connecting Systems- The Internet Embed Skills I Learn 2- Internet Research	Microsoft Word STEM Unit- Connecting Computers Embed with I Learn 2- Typing and Document Editing	STEM Unit– Computer Systems and Networks– Commuincation Embedd Skills I Learn 2-Computer Networks and the Internet (Y5) I– Learn 2– Computers Future, Past and Present (Y6)	STEM Unit– Computer Systems and Networks– Sharing Information Embed Skills I Learn 2-Computer Networks and the Internet (Y5) I– Learn 2– Computers Future, Past and Present (Y6)
AUTUMN 2	I Learn 2 Digital Literacy and Numeracy Key Skills– Logging on and logging off the laptops and iPads	STEM Unit– Robot Algorithms I –Learn 2 Year 1 Introducing Programming I Learn 2– Year 2 Developing Programming	STEM Unit– Moving a Robot Embed with - I –Learn 2 Year 1 Introducing Programming I Learn 2– Year 2 Developing Programming	STEM Unit-Desktop Publishing Embedd Skills I Learn 2- Typing and Document Editing	STEM Unit- Data Logging I Learn 2- Internet Research	STEM Unit- Selection in Physical Computing Embed Skills I Learn 2 Programming in Python Binary Code	STEM Unit– Variables in Games Embedd Skills I Learn 2 Scratch (Y5/6)
SPRING 1	Early Programming Bee Bots I Learn 2—Early Programming Key Skills– Logging on and logging off the laptops and iPads	STEM Unit– Digital Painting Embedd with- I Learn 2- Year 1 and Year 2 Digital Art	STEM Unit– Grouping Data Embed with I Learn 2- Introducing Data Handling	STEM Unit- Animation I -Learn 2 Animation	STEM Unit- Branchiing Data Embed Skills I -Learn 2 Branching Data Basis	STEM Unit- Vector Drawing Embedd Skills I Learn 2 Virtual Reality	STEM Unit– 3D modelling Embedd Skills 3D Design

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SPRING 2	I Learn 2 Digital Art and Design Key Skills– Logging on and logging off the laptops and iPads	STEM Unit– Making Music Embedd with I-Learn 2—Music Creation	STEM Unit– Digital Writing Embed with I—Learn 2 Comic Creation E Book Creation	STEM Unit- Events and Actions Embed with I Learn 2 Programming with Scratch	STEM Unit- Repetition in shapes Embed Skills I Learn 2- Infographics	STEM Unit- Selection in Quizes Embed Skills I Learn 2 Scratch (Y5/6)	STEM Unit– Flat File Data Base Embedd Skills I Learn 2 Data Handelling
SUMMER 1	Own Animation I Learn 2 Digital Photos and Video Key Skills– Logging on and logging on to Seesaw	STEM Unit- STEM Unit– An Introduction to Quizzes	STEM Unit– Introduction to animaltion Embed with I _Learn 2 Scratch JR	STEM Unit- Desktop Publishing Embed Skills I -Learn 2 Comic Creation and E-Book Creator	STEM Unit- Repetition in Games Embed Skills I Learn 2 Programming with Scratch	STEM Unit- Spreadsheets Embed Skills I Learn 2 Handling Data	STEM– Programming— Sensing Embedd Skills I Learn 2 - Scratch
SUMMER 2	Early Digital Music Key Skills– Logging on and logging on to Seesaw	STEM Unit-Digital Photography Embedd with I—Learn 2 Internet Research	STEM Unit– Digital Painting Embedd with– I—Learn 2 Digital Art	STEM Unit-Sequence in music Embed with I Learn 2 – Music Creation	STEM Unit- Photo Editing Embed Skills I Learn 2- 3D Design	STEM Unit- Web Page Creation Embed Skills I –Learn 2 HTML Web Designers	STEM– Video Editing Embedd Skills I Learn 2 - Virtual Reality and Image Editing

Education for a Connected World – 2020 edition

A framework to equip children
and young people for digital life



UK Council for
Internet Safety

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AUTUMN 1 Health, Wellbeing and Life-style	Online Relationships Going Places Safely	Copyright and Ownership Owning your creative work	Copyright and Ownership Do I need permission?	Online Relationships Cyber Bullying	Online Relationships Who is your trusted adult?	Online Relationships Cyber Bullying and Reporting	Online Relationships Online Grooming
AUTUMN 2 Health, Wellbeing and Life-style	Managing Online Information Safe Searching images	Managing Online Information Safe Image Searching	Managing Online Information Who could I tell?	Online Reputation Keep it to yourself	Online Reputation Online Safety Making Safe Choices	Online Reputation Online Safety People Online- being aware	Online Reputation People Online- being aware
SPRING 1 Health, Wellbeing and Life-style	Online Reputation Keep It Private	Online Reputation Staying SMART Online	Online Reputation Digital Footprint	Managing Online Information Understanding Adverts	Managing Online Information Fake News	Managing Online Information False Photography	Managing Online Information Fake News
Spring 2 Health, Wellbeing and Life-style	Privacy and Security My Personal Information	Self-Image and Identify My Personal Information	Self-Image and Identify Stop Close Tell	Privacy and Security Emailing Safely	Privacy and Security Private or Public	Copyright and Ownership SPAM!	Copyright and Ownership Strategic Searching
Summer 1 Health, Wellbeing and Life-style	Copyright and Ownership Owning You Create Work	Privacy and Security What is Email?	Privacy and Security My Personal Information	Online Relationships Online Communication Who should we be speaking to online? (Troll Stinks)	Online Relationships Digital Wellbeing	Online Bullying How to be safe online Safety	Online Bullying Online Bullying
Summer 2 Health, Wellbeing and Life-style	Online Bullying Staying Safe Online	Online Bullying Staying Safe Online text Chicken Clicking	Online Bullying Cyberbullying	Copyright and Ownership Copy Cats– What is plagiarism?	Copyright and Ownership Strategic Searching Online	Health, Wellbeing and Lifestyle Secure Websites	Health, Wellbeing and Lifestyle Micotransactions