Computing LTP 2023- 2024

https://enquirelearningtrust.sharepoint.com/sites/ELTComputing/SitePages/Lessons.aspx

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery – Wren	Me and My Community E-Safety read Digi Duck – what makes a good friend? Information Technology – I can select an App on the iPad	Once upon a Time E- Safety – I can listen to the story of Goldilocks and explain who was in the wrong Information Technology – I can use Sketches School to create marks	Build it Up E- Safety – I can discuss and follow rules Information Technology – use a camera to take a photo	Big Wide World E-Safety – can I discuss my personal information, birthdays age and location Information Technology – I can use a keyboard and mouse in the role play area	Dinosaurs E- Safety – discuss ways to be kind, create a kindness jar for children to access this term Information Technology – I can explore Cbeebies website	Creep, crawl and wriggle Computer Science – Play Simon says, complete tasks like brushing teeth, getting dressed order.
Reception – Robin	Me and My Community E-Safety read Penguin Pig – I can explain who I can ask for help if things go wrong. Use IPad and QR codes To recognise a selection of different digital devices Information technology – I can find the correct App	Once upon a Time E- Safety – who to tell, online relationships Information technology – I can talk about what I am doing, I can use technology to help me learn about the world	Build it Up Digital Literacy – ways to put information on the internet Information technology – I know the work I create belongs to me	Big Wide World Digital Literacy – ways to be kind online, who do I speak to Computer Science – I can give an instruction/algorithm to a friend	Dinosaurs To use different digital devices Computer Science – Beebots, investigate how toys work	Creep, crawl and wriggle To use a mouse and select options on screen. Digital Literacy – I can identify rules to keep us safe Information technology – I can find the correct App to help me with my learning
Year 1 Chaffinch	Life at the bEACH E-Safety (using the internet safely) Information Technology – typing training	Growing and Changing - Childhood Coding – Tynker JR E-Safety – the internet safely	Local Studies Digital Literacy – Using a computer device	Local Studies Information Technology – bug hunters finding, saving, organising, presenting, sending	Famous for more than five mintues Information Technology – Potty Painters – Digital art and book design	Seven Continents Computer Science – Scratch JR introduction and fundamentals
Year 2 Kingfisher	Then and Now E-safety: Staying safe on the internet – Jessie and Friends.	Toys Through Time Information Technology – Research and develop a topic (use school current topic) Y3	Building Locational Knowledge : UK Digital Literacy – Using search, typing training Y2	Climate Detectives Information Technology – Introduction to photo editing Y2 Information Technology: Using a computer. What is the Internet? Y2	The Great Fire of London Information Technology – Presentations	My Local Area Computer Science: Scratch Jnr – introduction and fundamentals Y2
Year 3/4 Owl	Ancient Greece E-Safety – Project evolve. Self-image and identity Online relationships Privacy and security Copyright (Y4)	Ancient Greece E-Safety – Project evolve (bullying) Computer Science – understanding the different ways computers communicate (Y4)	Building Locational Knowledge : Europe E-Safety – Project Evolve health and well-being Information Technology – word processing and PowerPoint Photo editing functions (Y4)	Misty Mountains E-Safety – Project Evolve Online reputation. Computer Science – Tynker, algorithm, conditions, functions and App design (Y4)	Britain at War E-Safety – Project Evolve Online Information Information Technology – Stop motion animation (Y4)	Water Cycle – Rivers and Coasts Computer Science: Scratch creator of controllable maze game (Y4)
Year 4/5 Kestrel	Ancient Greece E-safety: Project Evolve self image, identity and online relationships, copyright and ownership Information Technology: Using shared cloud documents Use school current school topic (Y5)	Ancient Greece E-safety: Project Evolve online bullying Computer Science: Spreadsheets – Using Formula to automate mathematical problems. Computer Science: Networks: Search Algorithms (Y5)	Building Locational Knowledge : Europe E-safety: Project Evolve online reputations Computer Science: Lightbot – Algorithms Procedures. Loops and Debugging (Y5)	Sow, grow and farm E-safety: Project Evolve Managing online information Computer Science: Scratch – Simple Game creation, Lightbot, algorithms, procedures, loops and debugging (Y5)	Britain at War E-safety: Project Evolve health and well-being, lifestyle, privacy and security Information Technology: Animation through varied apps Information Technology: Website creation. SharePoint Use school current school topic (Y5)	Water Cycle – Rivers and Coasts Computer Science: Microsoft Kodu – Advanced game creation (Y5)

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Year 6 Eagle	Mayans, Aztecs Hola Mexico Project Evolve – self image and identity, online relationships	Mayans, Aztecs Hola Mexico Information Technology: 3D modelling using Sketchup. Information Technology: Creating CVs Using IT beyond school	Frozen Kingdom and Biomes E-safety: Project Evolve, online reputation. Copyright and ownership . Information Technology: Making Videos	Building Locational Knowledge – South America E-safety: Project Evolve, online Privacy and security Computer Science: Swift Playground – Conditional Code, While loops and Logic.	How did Grimsby become great? E-safety: Project Evolve, online bullying, health, wellbeing and lifestyle Computer Science: HTML Hacking and Python Coding Information Technology: ChildNet video competition	Climate Change – Learn, think, act! Computer Science: MIT App Inventor– Making an app about secondary schools to take home Using IT beyond school