



LTP 3 Year Rolling Programme- ICT - Falcons

Year 1	Term 1:	Term 2:	Term 3:
Kapow Unit	Computing Systems and Networks (1)	Programming (1)	Data Handling
Area	Using a Computer Learning about the main parts of a computer and how to use the keyboard and mouse. Logging in and out	All about Instructions Learning to receive and give instructions and understand the importance of precise instructions	Introduction to Data To sort and categorise data and are introduced to branching databases and pictograms
Skills	Keyboards Logging in and out Mouse control Mouse clicking Mouse clicking and dragging	Following instructions Giving simple instructions Dressing up instructions Debugging instructions (washing hands) Predictions	Loose parts play Sorting ourselves Yes or no Creating a branching database Exploring pictograms
Safety	Media Balance/Wellbeing/ Cyberbullying	My Digital Footprint/ Identity/ Personal Privacy and Security	Relationships/ Communication/ News and Media Literacy
Year 2	Term 1:	Term 2:	Term 3:
Kapow Unit	Computing Systems and Networks (2)	Programming (2)	Creating Media (Twinkl) – Align with Topic
Area	Exploring Hardware Tinkering and exploring with different computer hardware and learning to operate a camera	Programming Bee-Bots Learn about directions, experiment with programming a Bee-bot/Blue-bot and tinker with hardware.	Digital Painting Explore changing brush style & size; changing colours; drawing shapes & filling them; using tools to remove mistakes & adding text. consolidate their newly learnt skills by creating a self-portrait as an end-of-unit piece of work.
Skills	Exploring hardware tinker tray Real world tinker tray Pictures of play Picture walk Class photo album	Understanding arrows Introducing the Bee-Bot Simple Bee-Bot programming Understanding algorithms Programming a Bee-Bot	Brushes Colours Everywhere Shapes and Fill Erase and Recreate Adding Text Painting a Self-Portrait
Safety	Media Balance/Wellbeing/ Cyberbullying	My Digital Footprint/ Identity/ Personal Privacy and Security	Relationships/ Communication/ News and Media Literacy
Year 3	Term 1:	Term 2:	Term 3:
Kapow Unit	Computing Systems and Networks (Twinkl)	Using the Internet (Twinkl Year 2) – Align with Topic for Blog (Use Blog facility in Purple Mash)	Research Project – Create your own Activity Park
Area	Computing Skills & Email Learn to independently save, find and open files in the correct folders. Microsoft Outlook Email, Address Book & Calendar	Learn how to use the Internet safely and with purpose	Research different activity/theme parks around the world. Use the research to create your own. Think about who it is aimed at, rides, refreshments, parking, location etc. Research class trip to a activity/theme park – use Excel to cost
Skills	Saving, finding and opening files/folders Email organisation, adding attachments Address book management	One word search For kids Links Taking Photos for our blog Blogging Comments	Email Excel spreadsheet Online research PowerPoint Presentation
Safety	Media Balance/Wellbeing/ Cyberbullying	My Digital Footprint/ Identity/ Personal Privacy and Security	Relationships/ Communication/ News and Media Literacy