

Computing 2022/2023

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	Online safety and signing of Acceptable Internet Use policy. Lesson includes Smartie the Penguin (Childnet)	Online safety – dealing with pop ups.	Online safety Personal information and asking to use the internet. Online friends and strangers. Kind words.	Online safety – what to do if something goes wrong?	Online safety – what to do if something goes wrong?	Online safety – password privacy.
	<p>Introduction to iPads and desktop computers in the classroom – bronze skills.</p> <p>Reading: Talking Stories</p> <p>Reading: Alphabet Pairs – Initial sounds</p> <p>Reading: Alphabet Jigsaw</p> <p>Number and SSM: Maths City 1 and 2 and A-fish-metic</p>	<p>Reading: Phase 2 – Cloze (satpin) Then moving through each group of sounds</p> <p>Reading: Alphabet Jigsaw</p> <p>Number: Number Paint Project</p> <p>The World: Bonfire Night 2Paint Stay Safe Poster</p>	<p>Reading: Phase 3 – Cloze (j,v,w,x) Then moving through each group of sounds</p> <p>Number: Sequencing Snake</p> <p>The World: Wintry Worlds: Paint Project – Polar Bears/Penguins</p> <p>Expressive Arts: Digital art using 2PaintaPicture, Wet Paint and Paint Projects. Introduction of 2Beat and 2Explore</p>	<p>Reading: Phase 3 – Cloze (Continued)</p> <p>Number: Bond Bubbles</p> <p>SSM: Measuring Find the shortest Find the tallest</p> <p>The World: Easter Design an Easter Egg Create Easter Egg poster</p>	<p>Writing: 2Create a story</p> <p>Number: 2Count – Tally – Favourite fruit</p> <p>The World: Living Things 2Paint – Minibeasts</p> <p>Robot Day</p> <p>Introduction to Beebot programming and use 2Go.</p>	<p>The World: Zoo Animals Paint Project – Animal of their choice</p> <p>Writing: 2Create a story</p> <p>Number: Bond Bubbles</p> <p>Number: Addition/Subtraction One more/less up to 21</p> <p>Think GR8 Feel GR8 week: Mini Mash Grocers</p> <p>Send a class email to Y1</p>
Ongoing	<p>Class desktop computers and iPads – independent access in the classroom throughout the year to Mini Mash/Purple Mash</p> <p>Digital Goals – Bronze level</p>					

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Year 1	Online safety and signing of Acceptable Internet Use policy. Watch Jessie and Friends episode 1: Thinkuknow.co.uk Introduce 3Cs: Content, contact, conduct.	Online safety – safe photos. Watch Jessie and Friends episode 2: Thinkuknow.co.uk	Online safety linked to personal information and safe sharing. Online friends and strangers. Watch Jessie and Friends episode 3: Thinkuknow.co.uk	Online safety - safe photos and videos.	Online safety – being kind to friends online.	Online safety – pop ups and competitions.
	1.1 Online Safety & Exploring Purple Mash 1.2 Grouping & Sorting 2 weeks	1.3 Pictograms 1.4 Lego Builders	1.5 Maze Explorers	1.6 Animated Story Books	1.7 Coding Robot Day Beebot Expeditions	1.8 Spreadsheets 1.9 Technology outside school
Ongoing	Class desktop computers and iPads – independent access in the classroom throughout the year. Digital Goals –Silver level					

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 2	Online safety and signing of Acceptable Internet Use policy. Watch Lee and Kim's Animal Magic video: CEOP – staying safe while playing online games and age restrictions on games.	Online safety – Re-cap staying safe online – respond to children's questions and concerns.	Online safety - Personal information and safe sharing. Online friends and strangers. Play Band Runner: thinkuknow.co.uk Watch 'Play Like Share' episode 1, 2 and 3: Being safe when playing games online.	Online safety – Safe searching online. Checking accuracy of information.	Online safety – Re-cap staying safe online – respond to children's questions and concerns.	Online safety – Re-cap staying safe online – respond to children's questions and concerns.
	<i>Introduce 'Hit the Button' times tables game.</i> 2.2 Online Safety	2.8 Presenting ideas (linked to CCL topic)	2.1 Coding	2.5 Effective Searching (Link to CCL Transport Percy Shaw) Robot Day Roamers (Link to CCL transport)	2.6 Creating Pictures (link to CCL and include Frida Kahlo) <i>Word Processing using Microsoft Word linked to English or CCL</i>	2.3 Spreadsheets 2.4 Questioning <i>Power point presentations</i> <i>Introduce TT Rockstars.</i>
Ongoing	Hit the Button – times tables game and Purple Mash activities Digital Goals –Silver level					

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Year 3	Online safety and signing of Acceptable Internet Use policy. Explore thinkuknow website age 8-10 'Stay safe' section (Play) Play Cyber Café – Band Runner: thinkuknow.co.uk Use Purple Mash to email a friend with Online safety tips.	Online safety – Appropriate websites and safe searching.	Online safety - Cyberbullying. Explore thinkuknow website age 8-10 'Stay safe' sections (Like, Share and Chat, Lock and Explore)	Online safety – Re-cap staying safe online – respond to children's questions and concerns.	Online safety – Re-cap staying safe online - respond to children's questions and concerns.	Online safety – Re-cap staying safe online - respond to children's questions and concerns.
	<i>TT Rockstars re-cap.</i> 3.2 Online Safety 3.1 Coding	3.1 Coding cont. 3.3 Spreadsheets	3.4 Touch Typing <i>BBC Dance Mat Typing</i>	3.5 Email	3.6 Branching Databases <i>Microsoft Excel linked to Maths/Science</i>	3.7 Simulations 3.8 Graphing <i>Word Processing using Microsoft Word linked to English or CCL</i> Robot Day Lego Wedo programming
Ongoing	TT Rockstars and Purple Mash activities Digital Goals –Gold level					

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Year 4	Online safety and signing of Acceptable Internet Use policy. Google Legends: Explore Interland – Mindful Mountain (Think before you share).	Online safety – Re-cap staying safe online – respond to children’s questions and concerns.	Online safety- Safer Internet Day resources	Online safety – Re-cap staying safe online – respond to children’s questions and concerns.	Online safety – Re-cap staying safe online – respond to children’s questions and concerns.	Online safety – Re-cap staying safe online – respond to children’s questions and concerns.
	4.2 Online Safety 4 weeks including sending emails and introduce the Snipping tool	4.1 Coding Purple Mash Multiplication games	4.3 Spreadsheets	4.4 Writing for different audiences <i>Use MS Word in English</i>	4.7 Effective Searching 4.6 Animation <i>Use MS Excel in Maths</i>	4.5 Logo 4.8 Hardware Investigators Robot Day Pivot animation linked to Volcanoes CCL topic. Includes digital art using Microsoft Paint to create a background.
Ongoing	TT Rockstars and Purple Mash activities Digital Goals – Gold level					

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Year 5	Online safety and signing of Acceptable Internet Use policy. Watch CEOP Jigsaw video – reinforces correct conduct and contact online.	Online safety – Re-cap staying safe online – respond to children’s questions and concerns.	Online safety- Safer Internet Day resources/Internet Legends Scheme	Online safety – Re-cap staying safe online – respond to children’s questions and concerns.	Online safety – Re-cap staying safe online – respond to children’s questions and concerns.	Online safety – Re-cap staying safe online – respond to children’s questions and concerns.
	5.2 Online Safety 5.1 Coding	5.1 Coding cont.	5.6 3D Modelling <i>Extension: Minecraft eco system design – linked to Building a Village CCL topic.</i> 5.4 Databases	5.4 Databases continued 5.3 Spreadsheets <i>Use Microsoft Excel – linked to Maths unit: Data Handling.</i>	5.5 Game Creator 4 weeks and use email to give feedback to peers <i>Microsoft Word – linked to PSHCE Value: Be Safe</i> Robot Day Lego Wedo programming – Lego Giant.	5.7 Concept Maps <i>Extension: Minecraft eco system design – linked to Building a Village CCL topic.</i> Read Blogs linked to CCL
Ongoing	TT Rockstars and Purple Mash activities Digital Goals – Platinum level					

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Year 6	Online safety and signing of Acceptable Internet Use policy. Watch 'Gone too far' Childnet Online safety video – cyberbullying.	Online safety – respond to children's questions and concerns.	Online safety- Respond to children's questions and concerns. Age restrictions on apps and websites.	Online safety – respond to children's questions and concerns.	Online safety – respond to children's questions and concerns.	Online safety – appropriate and inappropriate messages: Inappropriate use of texting/up-skirting – taught within PSHCE lessons.
	6.2 Online Safety <i>Interactive presentation using Power point linked to RE – Sikhism</i> <i>Research landmarks in Art</i>	<i>Interactive presentation using Power point linked to Landmarks CCL topic.</i> Word processing using Microsoft word – linked to English unit	6.9 MS Excel	6.1 Coding	6.1 Coding Blogging whilst at Lakeside (residential trip).	6.6 Networks 6.8 Binary Robot Day Lego Mindstorms programming.
Ongoing	TT Rockstars and Purple Mash activities Digital Goals – Platinum level					