

## Computing 2021/2022

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

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Year 1</b>	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 Be Safe value: 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  <i>Using Data loggers (Woodhouse Park Trip – temperature)</i>  <b>Robot Day</b> Beebot Expeditions	1.6 Animated Story Books	1.7 Coding	1.8 Spreadsheets  1.9 Technology outside school
<b>Ongoing</b>	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
<b>Year 2</b>	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 linked to Be Safe value: 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 5 weeks  2.7 Making Music	2.5 Effective Searching (Link to CCL Transport Percy Shaw)  <b>Robot Day</b> 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>
<b>Ongoing</b>	Hit the Button – times tables game and Purple Mash activities Digital Goals –Silver level					

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Year 3</b>	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 linked to Be Safe value: 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>  <b>Robot Day</b> Lego Wedo programming – Viking boat – links to CCL topic of Vikings.	3.7 Simulations  3.8 Graphing  <i>Word Processing using Microsoft Word linked to English or CCL</i>
<b>Ongoing</b>	TT Rockstars and Purple Mash activities Digital Goals –Gold level					

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Year 4</b>	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 linked to Be Safe value: 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  <b>Robot Day</b> Pivot animation linked to Rainforest CCL topic. Includes digital art using Microsoft Paint to create a background.	4.3 Spreadsheets  Including recap of MS Excel	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  <b>Robot Day</b> Pivot animation linked to Volcanoes CCL topic. Includes digital art using Microsoft Paint to create a background.
<b>Ongoing</b>	TT Rockstars and Purple Mash activities Digital Goals – Gold level					

	<b>Autumn 1</b>	<b>Autumn 2</b>	<b>Spring 1</b>	<b>Spring 2</b>	<b>Summer 1</b>	<b>Summer 2</b>
<b>Year 5</b>	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 linked to Be Safe value: 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.	5.5 Game Creator 4 weeks and use email to give feedback to peers  <i>Microsoft Word – linked to PSHCE Value: Be Safe</i>  <b>Robot Day</b> Lego Wedo programming – Lego Giant.	5.3 Spreadsheets  <i>Use Microsoft Excel – linked to Maths unit: Data Handling.</i>	5.6 3D Modelling  <i>Extension: Minecraft eco system design – linked to Building a Village CCL topic.</i>  5.4 Databases	5.7 Concept Maps  <i>Extension: Minecraft eco system design – linked to Building a Village CCL topic.</i>  Read Blogs linked to CCL
<b>Ongoing</b>	TT Rockstars and Purple Mash activities Digital Goals – Platinum level					

	<b>Autumn 1</b>	<b>Autumn 2</b>	<b>Spring 1</b>	<b>Spring 2</b>	<b>Summer 1</b>	<b>Summer 2</b>
<b>Year 6</b>	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 linked to Be Safe value: 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	6.3 Spreadsheets  <i>Use MS Excel within Maths/Science</i>	6.4 Blogging	6.1 Coding	6.6 Networks  6.8 Binary  <b>Robot Day</b> Lego Mindstorms programming.
<b>Ongoing</b>	TT Rockstars and Purple Mash activities Digital Goals – Platinum level					