

Curriculum Planning - Computing (2019/2020)

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	E-safety and signing of Acceptable Internet Use policy. Lesson includes Smartie the Penguin (Childnet)	E-safety – dealing with pop ups.	E-safety linked to Be Safe value: personal information and asking to use the internet. Online friends and strangers. Kind words.	E-safety – what to do if something goes wrong?	E-safety – what to do if something goes wrong?	E-safety – password privacy.
	Intro to iPads and desktop computers. How to log on and select an app. 2Paint a Picture – paint themselves in school uniform.	Simple City on desktop computers in classrooms. iPads – taking photos and videos.	Online Safety assembly – asking permission, being kind, personal info. Chatterpix kids app on iPads	Introduce Purple Mash and how to log on, access Mini Mash and explore this and Simple City. Reading: Phase 3 – Cloze (Continued) Number: Bond Bubbles SSM: Measuring Find the shortest Find the tallest The World: Easter Design an Easter Egg Create Easter	Writing: 2Create a story Number: 2Count – Tally – Favourite fruit The World: Living Things 2Paint - Minibeasts Introduction to Beebot programming and use 2Go.	The World: Zoo Animals Paint Project – Animal of their choice Writing: 2Create a story Number: Bond Bubbles Number: Addition/Subtraction One more/less up to 21 Think GR8 Feel GR8 week: Mini Mash Grocers

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Ongoing

Class desktop computers and iPads – independent access in the classroom throughout the year to Simple City and Mini Mash/Purple Mash

2Count and 2Quiz – set as home learning challenges

My Big List of Digital Goals – Bronze level.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	E-safety and signing of Acceptable Internet Use policy. Watch Jessie and Friends episode 1: Thinkuknow.co.uk Introduce 3Cs: Content, contact, conduct.	E-safety – safe photos. Watch Jessie and Friends episode 2: Thinkuknow.co.uk	E-safety linked to Be Safe value: personal information and safe sharing. Online friends and strangers. Watch Jessie and Friends episode 3: Thinkuknow.co.uk	E-safety - safe photos and videos.	E-safety – being kind to friends online.	E-safety – pop ups and competitions.
	Online Safety Microsoft Paint – create pictures with text linked to online safety.	iPad skills – bronze level. Chatterpix kids app	2Create a Story – animated story books	1.1 Online Safety & Exploring Purple Mash 5 weeks 1.2 Grouping and Sorting 1 week 1.9 Technology outside school 1 week	1.4 Lego Builders 3 weeks 1.5 Maze Explorers 3 weeks	1.7 Coding 4 weeks 1.3 Pictograms 1 week 1.8 Spreadsheets 2 weeks
Ongoing	Class desktop computers and iPads – independent access in the classroom throughout the year. My Big List of Digital Goals – Bronze and Silver levels.					

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 2	E-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.	E-safety – Re-cap staying safe online – respond to children's questions and concerns.	E-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.	E-safety – Safe searching online. Checking accuracy of information.	E-safety – Re-cap staying safe online – respond to children's questions and concerns.	E-safety – Re-cap staying safe online – respond to children's questions and concerns.
	Online safety Introduce 'Hit the Button' times tables game. Programming Roamers	2 Animate – animation linked to CCL topic	Word Processing using MS Word – linked to CCL Art topic Andy Warhol	2.5 Effective Searching 3 weeks (Link to CCL Transport Percy Shaw) 2.7 Making Music 3 weeks	2.1 Coding 2.3 Spreadsheets 1 weeks	2.3 Spreadsheets 3 weeks 2.4 Questioning 3 weeks <i>Power point presentations</i> <i>Introduce TT Rockstars.</i>
Ongoing	Hit the Button – times tables game and Purple Mash activities My Big List of Digital Goals – Bronze and Silver levels.					

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 3	E-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 DB Primary to email a friend with e-safety tips.	E-safety – Appropriate websites and safe searching.	E-safety linked to Be Safe value: cyberbullying. Explore thinkuknow website age 8-10 'Stay safe' sections (Like, Share and Chat, Lock and Explore)	E-safety – Re-cap staying safe online – respond to children's questions and concerns.	E-safety – Re-cap staying safe online - respond to children's questions and concerns.	E-safety – Re-cap staying safe online - respond to children's questions and concerns.
	Online safety TT Rockstars re-cap. DB Primary Coding	Interactive maps using Power point	Interactive maps using Power point	3.1 Coding 6 weeks	3.5 Email 3 weeks 3.6 Branching Databases 3 weeks	3.7 Simulations 3 weeks 3.8 Graphing 3 weeks
Ongoing	TT Rockstars and Purple Mash activities My Big List of Digital Goals –Silver and Gold levels.					

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 4	E-safety and signing of Acceptable Internet Use policy. Google Legends: Explore Interland – Mindful Mountain (Think before you share).	E-safety – Re-cap staying safe online – respond to children’s questions and concerns.	E-safety linked to Be Safe value: Safer Internet Day resources	E-safety – Re-cap staying safe online – respond to children’s questions and concerns.	E-safety – Re-cap staying safe online – respond to children’s questions and concerns.	E-safety – Re-cap staying safe online – respond to children’s questions and concerns.
	Online Safety Pivot rainforests animation including Microsoft Paint	Pivot rainforests animation continued	Safe searching – research on linked to Monarchs CCL topic Interactive Power point presentation Monarchs timeline and information	Interactive Power point presentation Monarchs timeline and information 3 weeks 4.1 Coding Crash Course 4 weeks	4.1 Coding Crash Course 2 weeks 4.5 Logo 3 weeks 4.6 Animation 3 weeks	4.7 Effective Search 3 weeks 4.8 Hardware Investigators 2 weeks
Ongoing	TT Rockstars and Purple Mash activities My Big List of Digital Goals –Silver and Gold levels.					

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 5	E-safety and signing of Acceptable Internet Use policy. Watch CEOP Jigsaw video – reinforces correct conduct and contact online.	E-safety – Re-cap staying safe online – respond to children’s questions and concerns.	E-safety linked to Be Safe value: Safer Internet Day resources/Internet Legends Scheme	E-safety – Re-cap staying safe online – respond to children’s questions and concerns.	E-safety – Re-cap staying safe online – respond to children’s questions and concerns.	E-safety – Re-cap staying safe online – respond to children’s questions and concerns.
	Online Safety Word Processing using MS Word Lego Wedo programming – Lego Giant.	Lego Wedo programming – Lego Giant.	Introduction to Spreadsheets using Microsoft Excel	5.5 Game Creator 4 weeks 5.4 Databases 2 week	5.6 3D Modelling 4 weeks	5.7 Concept Maps 4 weeks
Ongoing	TT Rockstars and Purple Mash activities My Big List of Digital Goals – Gold level.					

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 6	E-safety and signing of Acceptable Internet Use policy. Watch 'Gone too far' Childnet e-safety video – cyberbullying.	E-safety – respond to children's questions and concerns.	E-safety linked to Be Safe value: respond to children's questions and concerns. Age restrictions on apps and websites.	E-safety – Fake news.	E-safety – respond to children's questions and concerns.	E-safety – appropriate and inappropriate messages: Inappropriate use of texting/upskirting – taught within PSHCE lessons.
	Online Safety Word Processing using MS Word Interactive presentation using Power point linked to Landmarks CCL topic	Interactive presentation using Power point linked to Landmarks CCL topic continued	Interactive presentation using Power point linked to Landmarks CCL topic continued	6.4 Blogging 5 weeks Blogging whilst at Lakeside (residential trip).	6.1 Coding 6 weeks	6.6 Networks 3 weeks 6.7 Quizzing 6 weeks Robot Day Lego Mindstorms programming.
Ongoing	TT Rockstars and Purple Mash activities My Big List of Digital Goals – Gold level.					