

Fazakerley Primary School

Formosa Drive, Liverpool, L10 7LD

Computing Long Term Curriculum Map

YEAR GROUP	AUTUMN	SPRING	SUMMER
	Digital Literacy	Computer Science	Information Technology
1	<p><i>'My Online Life Y1'</i></p> <p>Age-appropriate online safety based on UKCCIS: 'Education for a Connected World Framework'. It covers all the DFE statutory requirements for digital literacy and online safety.</p>	<p><i>'What is a Computer?'</i></p> <p>In this unit children will learn about the different parts of a computer and iPad. They will learn new skills, tips and tricks. The children will be able to see the inner working of a computer and build their own. Includes a range of continuous provision activities.</p>	<p><i>'Mini-Beasts'</i></p> <p>Children will use technology to classify mini-beasts. In this activity the children will learn about gathering and presenting information. They will then make their own David Attenborough style nature documentary.</p>
	<p>Key Vocabulary: 3D, program, debug, design, emoji, search, selection, website, personal information, link, menu, icon, trusted adult, online, sign in, game, wireless (Wifi), online bullying, landscape, portrait, Bluetooth, download, frame, processor, green screen, hard drive, illustration, log in, tool, send, follow, digital, communicate.</p>		



Telephone (0151) 474-3060 www.fazakerleyprimary.co.uk Fax (0151) 330-0375

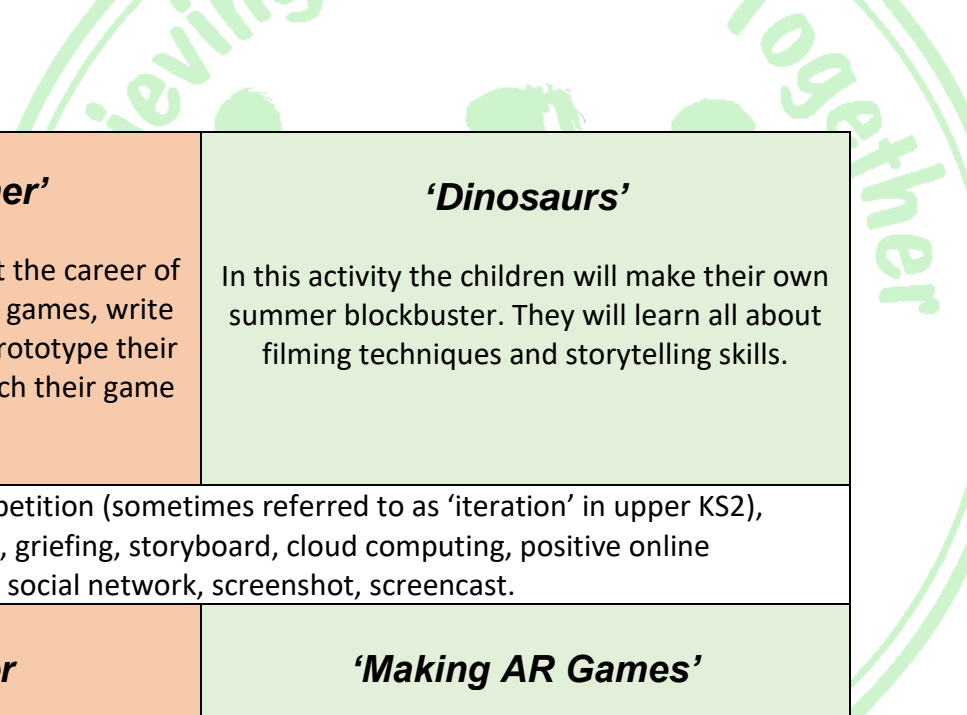
Please find our privacy notice and data protection policies on our school's website under 'GDPR'

2	<p><i>'My Online Life Y2'</i></p> <p>Age-appropriate online safety based on UKCCIS: 'Education for a Connected World Framework'. It covers all the DFE statutory requirements for digital literacy and online safety.</p>	<p><i>'Code a Story'</i></p> <p>The children will write a basic story with illustrations. They will then turn this into an animated story using visual coding. The activity will introduce new concepts such as conditional language, repeat loops and debugging.</p>	<p><i>'Presentations & Typing'</i></p> <p>The children will learn to use presentation software and develop their keyboard skills.</p>
	<p>Key Vocabulary: Browser, computer networks, data, computational thinking, execute/run, input, output, software, World Wide Web (WWW), password, username, interact, images, facts, scan, chat, post / re-post, copyright, backdrop, repeat / loop, characters, avatars, fictitious/fake, evaluation, publish, trust, stroke, template, reputation, identity, digital book (eBook/ePub).</p>		
3	<p><i>'My Online Life Y3'</i></p> <p>Age-appropriate online safety based on UKCCIS: 'Education for a Connected World Framework'. It covers all the DFE statutory requirements for digital literacy and online safety.</p>	<p><i>'Programming with Robots'</i></p> <p>Robots can be found almost everywhere. In this unit the children explore the history of robots and then get to program a robot around a maze.</p>	<p><i>'Be Digitally Awesome'</i></p> <p>This unit is all about ensuring the children possess core skills with word processing, spreadsheet and presentation apps.</p>
	<p>Key Vocabulary: Block, palette, code/coding, command, decomposition, sprite, stage, condition, control block, costume, digital content, simulation, hyperlink, attachment, URL, blog/blogging, consequences, illustrator, untrusted, cyberbully, cyberbullying, reliable, MegaByte, GigaByte, report, sceptical, verify, fake news, soundtrack, VR (virtual reality), font, shortcut, shots, 360° Video, authenticate, multimedia.</p>		



Telephone (0151) 474-3060 www.fazakerleyprimary.co.uk Fax (0151) 330-0375

Please find our privacy notice and data protection policies on our school's website under 'GDPR'

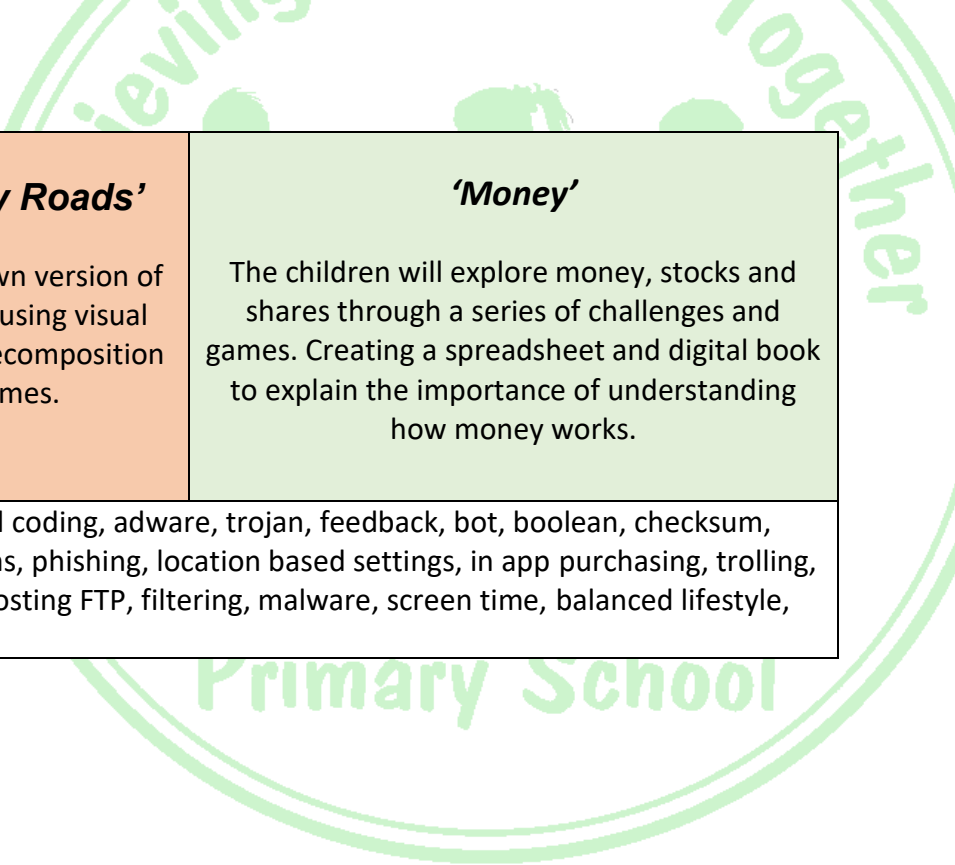


4	'My Online Life Y4' Age-appropriate online safety based on UKCCIS: 'Education for a Connected World Framework'. It covers all the DFE statutory requirements for digital literacy and online safety.	'Games Designer' The children will learn all about the career of games designer. They will play games, write reviews and then design and prototype their own game. Finally they will pitch their game idea to the class.	'Dinosaurs' In this activity the children will make their own summer blockbuster. They will learn all about filming techniques and storytelling skills.
	Key Vocabulary: Logical reasoning, audio, selection, page ranking, hacker, repetition (sometimes referred to as 'iteration' in upper KS2), script, scripts area, secure (https), PEGI, netiquette, conditional, scene, filters, grieving, storyboard, cloud computing, positive online communication, online persona, digital footprint, animation, age restrictions, social network, screenshot, screencast.		
5	'My Online Life Y5' Age-appropriate online safety based on UKCCIS: 'Education for a Connected World Framework'. It covers all the DFE statutory requirements for digital literacy and online safety.	Web Designer In this activity the children will learn about the history of the web, basic HTML, how to create their own graphics and how to publish their own website.	'Making AR Games' In this activity the children will be introduced to the world of Augmented Reality (AR). They will then be set the task of designing and creating a game that uses AR.
	Key Vocabulary: Abstraction, vlog, YouTuber, IP address, pixels, vector, HTML, CSS, services, ISP, LAN, TCP/IP, variables, hub, peripheral, bandwidth, CEOP, ChildLine, cache, harassment, plagiarism, infringe copyright, illegal downloads, streaming, blocking, victim, cookie, junk mail, RAM / ROM, USB, ZIP, augmented reality, bit & bytes, upload, score, podcast, edit.		



Telephone (0151) 474-3060 www.fazakerleyprimary.co.uk Fax (0151) 330-0375

Please find our privacy notice and data protection policies on our school's website under 'GDPR'



6	'My Online Life Y6' Age-appropriate online safety based on UKCCIS: 'Education for a Connected World Framework'. It covers all the DFE statutory requirements for digital literacy and online safety.	'Chicken Run - Crossy Roads' The children will create their own version of the popular app Crossy Roads using visual coding. They will learn about decomposition and how to evaluate games.	'Money' The children will explore money, stocks and shares through a series of challenges and games. Creating a spreadsheet and digital book to explain the importance of understanding how money works.
	Key Vocabulary: Antivirus, new media, collaboration, visual coding, text based coding, adware, trojan, feedback, bot, boolean, checksum, server, firewall, generalisation, security updates, plug in, pop up blocker, scams, phishing, location based settings, in app purchasing, trolling, sexting, exclusion, doxxing, catfishing, flaming, fabotage, creeping, dissing, ghosting FTP, filtering, malware, screen time, balanced lifestyle, configuring.		



Telephone (0151) 474-3060 www.fazakerleyprimary.co.uk Fax (0151) 330-0375

Please find our privacy notice and data protection policies on our school's website under 'GDPR'