



Mendell Primary School

Aspire Challenge Achieve

Medium Term Plan Design Computing



Year Group: 5		Term: Autumn #1 2021	Teacher: Jordyn Keelan	Subject lead: Justin Cowley	Overview: Online safety and an introduction to programming: Social Networking, online friendships and online gaming Predicting outcomes, Introduction to binary and conditionals		
Links to other learning: PHSCE		Prior Learning: In Y4 children started to use more advanced conditionals, nested loops and 'if' statements.	Future Learning: In Y6 children will be using Scratch to create online games using algorithms, loops, events and conditionals.	Risk Assessment: Safeguarding			Teacher CPD: Please read through and understand the Online Toolkit resource for Year 5 You must complete level E of Code.org including watching the relevant videos included in the course. This must be completed prior to commencing teaching (https://studio.code.org/s/coursee-2017?section_id=3503834)
<u>Learning Intention</u>	<u>Real Life Links</u>	<u>Lesson Outline</u> (Key Questions in colour)			<u>Resources</u>	<u>Vocabulary</u>	<u>Lowest 20% Adaptations</u>
1	-	<i>Online safety</i> <i>Social Networking</i>			Large screen to show video CEOP lesson toolkit		
2	-	<i>Online safety</i> <i>Online friendships</i>			Large screen to show video CEOP lesson toolkit		
3	-	<i>Online safety</i> <i>Online gaming</i> -			Large screen to show video CEOP lesson toolkit		
4 - 6	- I can use loops, conditionals and events together to create a	Coding Code.org – Course D (continued from Year 4) - Write 'algorithm, loop, event and conditional' on the board. Ask the children in pairs to write a definition for each one. Collect suggestions and ideas on the board and create a shared definition of each one. Discuss any misconceptions - Give out each child's picture login.			Ipads or laptops (one per child) Balloons		

	desired outcome.		<ul style="list-style-type: none">- Demonstrate how to access the internet (using Google Chrome on laptop or Safari on ipads). Show the children how to search for our school website and where to find the Code.org link.- Demonstrate how children access the lessons, what they must do to complete a lesson and how they move to the next lesson. Show children how to restart a lesson and what to do if they are stuck.- Children work through Course E during lessons 4-6.- In their books, the children are to write in their own words how they can create a safe password and why it is important.			
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