Goonhavern Primary School- Computing						
TOPIC: What Problems will Technology Solve in the Next Five Years?	YEAR: 4		STRAND: Computer Science			
What should I know already?		What will I know by the end of	the unit?			

•	<ul> <li>How to code using hit events, which allow us to set conditions for the code inside it.</li> <li>How to program sequences to create simple animations and simulations.</li> <li>That a timer can also be used to control the sequence in which part of their code is executed.</li> </ul>	The value of a variable can change as a result of an input or event, or in response to a condition being met.
•		Code can contain several different variables, and how to set the value of a variable to a specific amount, rather than change it.
<ul> <li>That objects can be programmed to react if certain conditions are met. In this case, they will use a hit event (or a hit test) to check when objects hit (or collide with) a particular background colour.</li> <li>How to create a game where conditional events are used to check whether objects have collided.</li> </ul>	How to use variables which change by positive and negative values, and how to set the score variable back to zero.	
	The concepts of 'repeat' and 'loop' in coding.	
	How to use nested loops to write even more efficient code.	

Code using 'always' and 'every...seconds' blocks and new nested 'if statement' blocks to control what happens in the program

School Values



Five Ways to Wellbeing



Vocabulary				
Variable	An object used to store a simple piece of information, such as a score or the time taken.			
Change	To adjust a variable by a specific amount.			
Set	To specify a particular value for a variable.			
Loop	A set of instructions which is repeated.			
Nesting	Putting a loop inside another loop.			
Infinite	Something which goes on for ever.			
Repeat	To perform the same action more than once.			

Image/diagram that helps me to articu	late my
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Possible ideas

