Leintwardine Endowed CE Primary School Learning Journey Itinerary

'Letting Our Light Shine'

SUBJECT : Computing YEAR : B | TERM : Autumn 1 | YEAR GROUPS : 5/6

Key Question: How can I make more complex computer programmes efficiently?

Previous Knowledge – We would expect children to already be able to:

Have experience of using iPads, safely, logging in and out of Purplemash, saving their work at the end of the session.

Have used 2Code to create programs using objects, events, actions and backgrounds.

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END OF UNIT OBJECTIVES		
Some children will not yet have met	Most children will show	Some children will have gone
what is expected and will show that	that they have reached the	beyond the expected level and will
they are emerging because they can:	expected level because they	show that they are exceeding
	can:	because they can:
with support, begin to simplify	begin to simplify code.	simplify code.
code.	create a playable game.	create a more elaborate, playable
with support, create a playable	program a simulation	game.
game.	using 2Code.	program a simulation using 2Code.
with support, program a	understand what	understand and explain what
simulation using 2Code.	decomposition and	decomposition and abstraction are
with support, understand what	abstraction are in computer	in computer science.
decomposition and abstraction are	science.	take a real-life situation,
in computer science.	take a real-life situation,	decompose it and think about the
with support, take a real-life	decompose it and think	level of abstraction.
situation, decompose it and think	about the level of	understand and explain how to use
about the level of abstraction.	abstraction.	friction in code.
with support, understand how to	understand how to use	clearly understand what a
use friction in code.	friction in code.	function is and how functions work
with support, begin to understand	begin to understand what	in code.
what a function is and how	a function is and how	understand what the different
functions work in code.	functions work in code.	variables types are and how they
with support, understand what the	understand what the	are used differently, making
different variables types are and	different variables types are	recommendations on which should
how they are used differently.	and how they are used	be used where.
with support, understand how to	differently.	understand and explain how to
create a string.	understand how to create	create a string.
with support, understand what	a string.	understand and explain what
concatenation is and how it works.	understand what	concatenation is and how it works.
	concatenation is and how it	
	works.	
ACCECCMENT ODDODTHNITIES		

ASSESSMENT OPPORTUNITIES