SOLO taxonomy: Intro to programming (3-4)

We are learning about visual programming				
SOLO LEVEL	**One**	**Many**	**Relate**	**Extend**
SOLO VERB	***Identify and define***	***Combine and perform serial skills***	***Apply and ntegrate***	***Create and evaluate***
DECLARATIVE KNOWLEDGE **Knowing about (talking or writing about) algorithms or the programming code** **Success criteria**	*I can define an algorithm as a series of steps* *I can look at a program and identify some blocks and what they might do*	*I can describe an algorithm and what each part means* *I can read a program of visual blocks and describe what it might do*	*I can explain how to create an algorithm for a simple task* *I can explain what a computer program of visual blocks does*	*I can explain how to improve an algorithm* *I can discuss ways to improve a computer program*

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FUNCTIONING KNOWLEDGE **Knowing how to …** **Creating an algorithm** **Creating a computer program using a visual programming language** **Success criteria**	I can define a problem with support I can follow an algorithm I can read visual programming blocks and identify some basic commands	I can define a problem and break it into smaller parts I can describe an algorithm for a familiar task I can place cards of programming blocks in a sequence that may include some errors	I can create an algorithm and identify where user input results in possible different actions I can use cards of visual programming blocks to confidently create a simple program I can follow a tutorial that uses visual programming blocks to complete a task I can explain what the common visual programming blocks do	I can seek feedback to improve an algorithm I can create a simple program using a visual programing language
Digital technologies **Way of thinking**		Computational thinking	Computational thinking	Computational thinking

As learning progresses, it becomes more complex. SOLO stands for the Structure of the Observed Learning Outcome. It is a means of classifying learning outcomes in terms of their complexity. It can help differentiate a task to enable students to operate at their level and provide learning tasks that are progressively more challenging.

For more about SOLO Taxonomy refer to these websites

[John Biggs Solo Taxonomy]

[HookED: Solo Taxonomy]

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