

SOLO taxonomy: Computers and binary (7-8)

We are ...				
SOLO LEVEL	One	Many	Relate	Extend
SOLO VERB	<i>Identify & Define</i>	<i>Combine & Perform Serial Skills</i>	<i>Apply</i> <i>Integrate</i>	<i>Create &</i> <i>Evaluate</i>
Success Criteria	<p>I can convert denary numbers to binary and vice versa.</p> <p>I can IDENTIFY standard character sets.</p> <p>I can IDENTIFY common audio files.</p>	<p>I can ENCODE a grid using a red, green or blue colours that combine RGB; for example, (1,0,0) to make red or (0,0,1) to make green etc.</p> <p>I can use ASCII, Unicode and Hexadecimal.</p> <p>I can USE audio software to record and save an audio file.</p>	<p>I can EXPLAIN how RGB values for each pixel is written as 24-bit colour.</p> <p>I can CODE a grid in RGB written as RGB values for each pixel written as 24-bit colour.</p> <p>I can CONVERT audio files to other audio files for a particular purpose</p>	<p>I can create a website for a particular purpose and consider user needs including accessibility</p>
Digital Technologies Way Of Thinking		Computational thinking	Computational thinking	Design 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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