

End of Unit Assessment | Computing | Year 5 | Controlling Devices: Flowol

All	Most	Some
<p>Follow written instructions to draw a simple flowchart, insert symbols into a flowchart, add inputs into a flowchart and identify conventional symbols, understanding the process of each stage.</p>	<p>Create a program to control a simple sequence, modify symbols in a flowchart for effect, create flowcharts for multiple inputs and outputs, use decisions and subroutines, program inputs and outputs.</p>	<p>Solve a given problem independently with a flowchart solution, organized into multiple subroutines and create a program to control a sequence with variables.</p>
33%	33%	33%
<p>Name</p> <p>Name</p> <p>Name</p> <p>Name</p>	<p>Name</p> <p>Name</p> <p>Name</p> <p>Name</p>	<p>Name</p> <p>Name</p> <p>Name</p> <p>Name</p>

NC Aims Covered in the Controlling Devices: Flowol Unit

Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.

Use sequence, selection, and repetition in programs; work with variables and various forms of input and output.

Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.

I can...

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Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Lesson 6
I can draw and interpret a flowchart with the correct symbols.	I can create and edit a flowchart to control a simulated device.	I can control multiple outputs at the same time.	I can use a decision symbol based on the status of an input.	I can create a flowchart program containing a subroutine.	I can design, write and debug my own flowchart program for a given task.
I can follow a sequence of written instructions in a flowchart.	I can insert symbols in sequence to create a working flowchart.	I can identify the conventional sequence for a set of traffic lights.	I can connect a decision symbol in a flowchart.	I can create a subroutine separate to a main flowchart program.	I can decompose a problem into smaller parts.
I can draw a flowchart using the correct symbols.	I can insert new symbols to modify a flowchart.	I can create a flowchart to program one set of traffic lights.	I can include the use of an input.	I can call a subroutine from the main flowchart program.	I can use repetition to check multiple inputs.
I can connect symbols in a sequence.	I can edit symbols to modify the effect.	I can edit a flowchart to control two sets of traffic lights at the same time.	I can program different outputs based on the status of an input.	I can call multiple subroutines within a program.	I can detect errors in a flowchart and correct them.
	I can delete symbols.		I can create a repeating loop.		

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K

What I know



W

What I want to know



L

What I have learnt

