







Year 9**Topic: Python Turtle**

Confidence key:

	I do not know at all		I need more studying to fully understand		I know and understand very well
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	Confidence		
Must know			
Draw basic geometric shapes using Python Turtle (e.g., squares, triangles, stars).			
Use loops (`for` loops) to repeat drawing instructions efficiently.			
Create subprograms (`def`) to organize and reuse code.			
Work with variables and mathematical operators to control size, position, and patterns.			
Design complex patterns like spirals, nested shapes, and flowers.			
Control the pen using `penup()`, `pendown()`, and `goto()` for precise positioning.			
Apply color and customization using `pencolor()`, `fillcolor()`, and `begin_fill()/end_fill()`.			
Use randomness to generate varied colors, positions, and shapes (`random` module).			
Build creative scenes and artwork by combining shapes, colors, and movement.			
Navigate and use IDLE to write, save, and run Python Turtle programs.			
Structure code effectively for readability and creative expression.			

Assessment %