







Year 9**Topic: Artificial Intelligence & Machine Learning**

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			
Understand what Artificial intelligence (AI) is. Its uses and origin			
Understand how rules are used in AI decision making			
Understand rules needed to solve problems: Classification, Navigation			
Understand and describe uses of Machine learning			
Know how to use training data to create rules that solve problems of categorising data			
Understand the strengths and weaknesses of Machine learning			
Understand what Ethics is in relation to AI			
Understand how jobs can be affected by AI and automation			
Understand how bias can introduced into AI algorithms and machine learning			
Understand issues that make facial recognition difficult			
Understand and describe a technique for detecting patterns in a grid of pixels			
Understand how to review program code and adapt it to detect shapes			
Understand how intelligence can be measured in humans and computers			
Know what the Turing test is			
Know how to program a chatbot			

Assessment %