Computer Science KS3 Assessment Framework

	Beginning	Working Towards	Expected	Exceeding	Excelling
	Grade 1	**Grade 2-3**	**Grade 4-5**	**Grade 6-7**	**Grade 8-9**
Algorithms	I can: describe that an algorithm is a set of instructions follow a set of instructions to complete an algorithm	I can: develop algorithms using sequences of instructions to complete a task Understand the purpose of an algorithm by looking at the instructions	I can: Understand how searching algorithms work to find data in given data sets Understand how sorting algorithms work to put data in order choose the correct algorithm to use in a given situation	I can: Make comparisons between searching algorithms and describe why one method is better than another Make comparisons between sorting algorithms and describe why one method is better than another Adapt algorithms to make them more efficient	I can: Adapt algorithms to develop a more efficient solution to a given outcome Develop new algorithms to solve problems that you have been given that use efficient techniques to give you the best outcome.