Curriculum Update 2020-21
Computer Science Department

On returning to school in September 2020, we embarked on a full Gap Analysis for all year groups to ascertain the breadth and depth of gaps resulting from the National Lockdown in the previous academic year.

We spent the first three/four weeks of the academic year assessing checking knowledge, skills and understanding for our subject. These skills and knowledge would be essential for future learning.

Gap Analysis

	Gaps identified	Recovery plan from October 2020
Year 7	Programming fundamentals	Differentiated approach to programming units in the future, possible utilisation of platforms alongside each other. i.e. use of Scratch and Python depending on ability.
Year 8		
Year 9	Programming practice	Focus on the provision of increased programming opportunities during year 9.

From October until December 2020, we taught an adapted curriculum so that we could fill the gaps identified in the full gap analysis. The recovery plans that were put in place for short-term, medium-term and long-term planning, starting with the most urgent gaps in short term planning. The plans put in place aimed to

January 2020

From January 2020, the school is again closed to most children as a result of another National Lockdown. Although we are delivering all lessons live to children at home via the remote learning systems, we have made the following adaptations to planned curriculum to ensure that the lessons are translatable for those at home.

	Adaptations to taught curriculum	**Rationale**
Year 7	Currently teaching the "Human Computer" unit that was originally scheduled for November-December.	Computer Science Curriculum structure was adjusted in term 1 to allow for Gap assessments and Training around Microsoft Teams.
Year 8	Currently completing a Media unit around the use of "photopea"	This is catch-up for the learning missed in June/July Y7 during the E-safety project and was selected as it is easily accessible for all students learning at home.
Year 9	Currently teaching the "System Architecture" unit that was originally scheduled for November-December.	Computer Science Curriculum structure was adjusted in term 1 to allow for Gap assessments and Training around Microsoft Teams.