Curriculum Map						
Year 11						
Half Term	Unit title with hyperlink to scheme of work	Unit summary	Skills & content covered	Skills & content revisited	Summary of formative marketing, feedback and student response	Summative assessment schedule, including assessment critertia
Autumn 1	Languages and IDE + Python/algorithm practice	Students will be equppied with the essential knowledge related to the key terms relating to languages and IDE.	Students will learn the characteristics and purpose of the following: high-level and low level languages, purpose of translators and characteristics of compiler and interpreter. They will also be able to identify the common tools of an IDE. Students will do a retreival task on Python skills and pseudocode/flow chart writing. They will then develop and improve these skills.	Concepts of languages and IDE. Students will be revisiting skills learnt in previous years and develop their programming skills further.	Homework, Teams activities/tasks and verbal feedback. Identifying and correcting common misconceptions. Feedback sheets identifying student's targets and student response.	Baseline test, end of unit test, Teams assignment and homework.
Autumn 2	Advanced programming techniques + Searching and sorting algorithm. Mock Revision.	Students will cover advanced programming such and sub-programs and file handling. They will also be able to understand apply the different sorting and searching algorithms. Students will start preparing for their mock exams.	Students will further adapt their programming techniques by learning how to use string manipulation, file handling operations, sub-programs, random number generator and the use of arrays. Students will understand the main concepts of binary/linear search and bubble/merge/insertion sort and apply it to any given scenario.	Adapting programming skills by learning advanced programming techniques. They will start preparing for the upcoming mock by revising previous units.	Homework, Teams activities/tasks and verbal feedback. Identifying and correcting common misconceptions. Feedback sheets identifying student's targets and student response.	Programming scenario sheets, homework, quiz and mock exams.
Spring 1	Exam revision	Past questions and diagnostics	Focusing on important areas, addressing misconceptions and solidfying learning so that all students have a solid knowledge base.	All content + focus on the basics and the areas students tend to make more mistakes.	Homework, Teams activities/tasks and verbal feedback. Identifying and correcting common misconceptions. Feedback sheets identifying student's targets and student response.	All past exam questions and past papers.
Spring 2	Exam revision	Past questions and diagnostics	Focusing on important areas, addressing misconceptions and solidfying learning so that all students have a solid knowledge base.	All content + focus on the basics and the areas students tend to make more mistakes.	Homework, Teams activities/tasks and verbal feedback. Identifying and correcting common misconceptions. Feedback sheets identifying student's targets and student response.	All past exam questions and past papers.
Summer 1	Exam revision	Past questions and diagnostics	Focusing on important areas, addressing misconceptions and solidfying learning so that all students have a solid knowledge base.	All content + focus on the basics and the areas students tend to make more mistakes.	Homework, Teams activities/tasks and verbal feedback. Identifying and correcting common misconceptions. Feedback sheets identifying student's targets and student response.	Walking-talking mock, focusing on the most common types of questions and practice exam questions.
Summer 2	Exam revision	Past questions and diagnostics	Focusing on important areas, addressing misconceptions and solidfying learning so that all students have a solid knowledge base.	All content + focus on the basics and the areas students tend to make more mistakes.	Homework, Teams activities/tasks and verbal feedback. Identifying and correcting common misconceptions. Feedback sheets identifying student's targets and student response.	Walking-talking mock, focusing on the most common types of questions and practice exam questions.