

Year 11

Timing	Unit Title	Key Question	Knowledge	Assessing Understanding
Autumn Term	P6 – Games Programming	Can I combine my programming skills?	• 2d Array handling • Methods • Parameter Passing • Global and local variables • Functions v procedures	How understanding is assessedesd : • A series of games programs with code alterations and code comprehension exercises Skills • 2D array programming • Writing procedural and functional methods • Handling parameters Assessment point information Progress data is collected and stored during lessons, along with comments on individuals.
Autumn Term	T7 – Translators and facilities of Languages	How do computer languages work and how should they best be used?	• Compilation / Interpretation / Assembly • Features of IDEs • SQL	How understanding is assessed : • Written exercise • Progress is monitored and recorded during lessons Skills • Ability to write SQL queries Assessment point information Progress data is collected and stored each lesson, along with comments on individuals, and will be taken together with marks from the written exercise.

Autumn Term	P8 – Robust Programming	How do we try to ensure that programs work	Robust programming techniques	How understanding is assessed : - Progress is monitored and recorded during lessons Skills - Full and correct use of validation - Ability to test thoroughly Assessment point information Progress data is collected and stored each lesson, along with comments on individuals.
Autumn Term	P9 - Algorithms	What are algorithms and how are they used, most effectively?	- Standard algorithms – sorting and searching - Use of algorithms – decomposition and abstraction - Testing of algorithms and standard pseudocode notation	How understanding is assessed : - Formal written test - Progress is monitored and recorded during lessons Skills - Decomposition of given problems - Dry running Assessment point information Progress data is collected and stored each lesson, along with comments on individuals, and will be taken together with marks from the formal test.

	P10 Pseudocode	How do I write in OCR Pseudocode?	Formal introduction to all OCR pseudocode syntax	How understanding is assessed : - Simple exercises Skills - Using pseudocode accurately Assessment point information In-lesson data is collected
Autumn Term	N1 – PP Preparation	How do we maximise our chances in the PP?	- Programming revision 'Telling the story' during implementation	How understanding is assessed : - Mock project exercise Skills - Writing and running test plans - Writing implementation story Assessment point information - In-lesson data is collected

Spring Term	CR – Continuous Revision	How is my knowledge in the theory units?	Content as chosen by Department as potentially problematic	How understanding is assessed : - CR sheets are marked and new CR sheets generated based on performance Skills - Exam technique Assessment point information - The grades for these sheets will feed into an AP.
Spring Term	Programming Project	Can I solve a larger problem?	- Programming Skills - Testing	How understanding is assessed : No assessment Skills - Programming skills in C# - A Level Project skills developed Assessment point information No assessment
Spring/summer Term	Final Revision	Do I know all the material? Can I get all the marks?	All GCSE Theory for both Units	How understanding is assessed : - Weekly homeworks Skills - Exam technique Assessment point information Grades from the sheets feed into the final AP

