



13-week revision plan

Subject: Computer Science

Week	Weekly lesson focus	Routine homework	NEA work	Revision topic	Resource links	Suggested tasks	Explicit vocabulary instruction: command words	Intervention Programme to attend
9 Feb	03-CT13 Data types, string manipulation, validation & testing with data 03-CT14 One-dimensional data structures 03-CT15 Trace tables	20 MCQs (Topics 1–5) Smart Revise	None	Whole-spec diagnostic	Pearson Edexcel GCSE Computer Science Revision Python Course - time2code GCSE Computer Science - Edexcel - BBC Bitesize Topics — Ada Computer Science Edexcel Interleaving - CSUK:ReviseCS Topics - Computer Science GCSE GURU Untitled Circuit - Logic.ly Online Demo	Baseline quiz; identify weak areas; create revision log	state, describe, explain, evaluate	Targeted support for students scoring <40%

HOLIDAY	Independent revision	Flashcards + MCQs Smart Revise	None	Mixed topics	Pearson Edexcel GCSE Computer Science Revision Python Course - time2code GCSE Computer Science - Edexcel - BBC Bitesize Topics — Ada Computer Science Edexcel Interleaving - CSUK:ReviseCS Topics - Computer Science GCSE GURU Untitled Circuit - Logic.ly Online Demo	3 × 30-minute sessions: flashcards, MCQs, algorithm practice	recap, recall, retrieve	Optional drop-in
23 Feb	03-CT16 Errors 03-CT17 Problem solving 04-P22 Privacy 04-P23 Data protection & computer misuse	Algorithm tracing worksheet Smart Revise	None	Computational Thinking	Pearson Edexcel GCSE Computer Science Revision Python Course - time2code GCSE Computer Science - Edexcel - BBC Bitesize	Trace algorithms; write pseudocode; correct flowcharts	trace, construct, complete, identify	

					Topics — Ada Computer Science Edexcel Interleaving - CSUK:ReviseCS Topics - Computer Science GCSE GURU Untitled Circuit - Logic.ly Online Demo			
2 March	04-P19 AI, machine learning & robotics 1 04-P20 AI, machine learning & robotics 2 04-P21 Personal data	15 logic-gate MCQs Smart Revise	None	Logic & Boolean algebra	Pearson Edexcel GCSE Computer Science Revision Python Course - time2code GCSE Computer Science - Edexcel - BBC Bitesize Topics — Ada Computer Science Edexcel Interleaving - CSUK:ReviseCS Topics - Computer Science GCSE GURU Untitled Circuit - Logic.ly Online Demo	Build truth tables; simplify expressions; tabular questions	complete, determine, justify	

9 March	04-P22 Privacy 04-P23 Data protection & computer misuse	Binary conversion sheet Smart Revise	None	Data representation	Pearson Edexcel GCSE Computer Science Revision Python Course - time2code GCSE Computer Science - Edexcel - BBC Bitesize Topics — Ada Computer Science Edexcel Interleaving - CSUK:ReviseCS Topics - Computer Science GCSE GURU Untitled Circuit - Logic.ly Online Demo	Convert numbers; binary addition; overflow	convert, calculate, show	Numeracy support
16 March	04-CT19 Two-dimensional data structures 04-CT20 Subprograms 04-CT21 Problem solving	10 medium exam questions Smart Revise	None	Data representation & compression	Pearson Edexcel GCSE Computer Science Revision Python Course - time2code GCSE Computer Science - Edexcel - BBC Bitesize	File-size calculations; lossy/lossless; diagrams	explain, compare, analyse	

					Topics — Ada Computer Science Edexcel Interleaving - CSUK:ReviseCS Topics - Computer Science GCSE GURU Untitled Circuit - Logic.ly Online Demo			
23 March	04-CT22 Flowcharts, trace tables & bubble sort 04-CT23 Problem solving, testing with data	CPU performance worksheet Smart Revise	None	Computers	Pearson Edexcel GCSE Computer Science Revision Python Course - time2code GCSE Computer Science - Edexcel - BBC Bitesize Topics — Ada Computer Science Edexcel Interleaving - CSUK:ReviseCS Topics - Computer Science GCSE GURU Untitled Circuit - Logic.ly Online Demo	Label CPU diagram; extended-response questions	discuss, evaluate, justify	Hardware fundamentals

HOLIDAY	Independent revision	Mixed-topic paper 1 Smart Revise	None	Topics 1–3	Pearson Edexcel GCSE Computer Science Revision Python Course - time2code GCSE Computer Science - Edexcel - BBC Bitesize Topics — Ada Computer Science Edexcel Interleaving - CSUK:ReviseCS Topics - Computer Science GCSE GURU Untitled Circuit - Logic.ly Online Demo Edexcel past papers	Complete Paper 1 under timed conditions; mark and reflect	attempt, review, improve	Optional support
HOLIDAY	Independent revision	Mixed-topic paper 2 Smart Revise	None	Topics 4–5	Pearson Edexcel GCSE Computer Science Revision Python Course - time2code GCSE Computer Science - Edexcel - BBC Bitesize	Complete Paper 2; create flashcards for weak areas	practise, refine, strengthen	Optional support

					Topics — Ada Computer Science Edexcel Interleaving - CSUK:ReviseCS Topics - Computer Science GCSE GURU Untitled Circuit - Logic.ly Online Demo			
13 April	Revisit topics & Revision	12 MCQs + 2 extended questions Smart Revise	None	Computers	Pearson Edexcel GCSE Computer Science Revision Python Course - time2code GCSE Computer Science - Edexcel - BBC Bitesize Topics — Ada Computer Science Edexcel Interleaving - CSUK:ReviseCS Topics - Computer Science GCSE GURU Untitled Circuit - Logic.ly Online Demo	Compare storage; translator table; exam tasks	compare, outline, describe	Translator misconceptions

20 April	Revisit topics & Revision	Network hardware worksheet Smart Revise	None	Networks	Pearson Edexcel GCSE Computer Science Revision Python Course - time2code GCSE Computer Science - Edexcel - BBC Bitesize Topics — Ada Computer Science Edexcel Interleaving - CSUK:ReviseCS Topics - Computer Science GCSE GURU Untitled Circuit - Logic.ly Online Demo	Draw topologies; identify hardware; tabular questions	identify, label, describe	Networks fundamentals
27 April	Revisit topics & Revision	10 security questions Smart Revise	None	Network security	Pearson Edexcel GCSE Computer Science Revision Python Course - time2code GCSE Computer Science - Edexcel - BBC Bitesize	Explain threats; propose mitigations; protocol tasks	explain, suggest, recommend	

					Topics — Ada Computer Science Edexcel Interleaving - CSUK:ReviseCS Topics - Computer Science GCSE GURU Untitled Circuit - Logic.ly Online Demo Edexcel past papers			
4 May	Revisit topics & Revision	Two extended-response questions Smart Revise	None	Issues & Impact	Pearson Edexcel GCSE Computer Science Revision Python Course - time2code GCSE Computer Science - Edexcel - BBC Bitesize Topics — Ada Computer Science Edexcel Interleaving - CSUK:ReviseCS Topics - Computer Science GCSE GURU Untitled Circuit - Logic.ly Online Demo	Evaluate scenarios; practise 8-mark responses	evaluate, assess, justify	

					Edexcel papers			
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