

Catch Up Resources – Computer Science

Year 10			
Term - Module	Knowledge Bank	Web link	Notes
T1: Computational Thinking and Common Algorithms	Algorithms knowledge bank Searching and sorting knowledge bank	https://classroom.thenational.academy/units/algorithms-a118	
T2: Programming concepts and SQL	Programming Fundamentals knowledge bank 1 Programing Fundamentals knowledge bank 2	https://classroom.thenational.academy/units/programming-1-sequence-2cbd https://classroom.thenational.academy/units/databases-and-sql-73d9	
T3: types of programming language, Defensive design, Errors and testing, Logic circuits and Boolean algebra	Boolean logic and languages knowledge bank Robust programming knowledge bank	https://www.bbc.co.uk/bitesize/guides/zjw8jty/revision/1	
T4: Binary, Hexadecimal, and Representing Data	Representing data knowledge bank	https://classroom.thenational.academy/units/data-representation-618b	
T5: Controlled Assessment Task	Programming knowledge bank	https://classroom.thenational.academy/lessons/coding-sorting-algorithms-6mv62d https://classroom.thenational.academy/lessons/string-handling-i-6wtkac?from_query=python	

T6: Controlled Assessment Task	Programming knowledge bank	https://classroom.thenational.academy/lessons/classes-and-objects-65h6ae?from_query=python	
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