

Key Stage 4 Curriculum Map 2021-22

Term 2

Subject: Computer Science		Year: 11	
Focus/Topic	UAE Links	HPL Links	Home Learning/ Recommended Reading
<ul style="list-style-type: none"> Flowcharts Pseudocode 	Accountability	AGILE- Creative and enterprising CREATING- Intellectual playfulness	Reading: Both textbooks Home learning: as per lesson resources shared online
<ul style="list-style-type: none"> Pseudocode Assessment – Flowcharts and pseudocode 	Accountability	ANALYSING- Complex and multi step problem solving HARD WORKING-Practice	Reading: Both textbooks Home learning: as per lesson resources shared online
<ul style="list-style-type: none"> Trace tables Types of errors 	Accountability & brotherhood	AGILE- Enquiring	Reading: Both textbooks Home learning: as per lesson resources shared online
<ul style="list-style-type: none"> Abstraction and Decomposition 	Cohesive Society and Preserved Identity	LINKING-Abstraction	Reading: Both textbooks Home learning: as per lesson resources shared online
<ul style="list-style-type: none"> Searching and Sorting Algorithms 	How would code sorting data for the RTA fines	ANALYSING- Critical or logical thinking	Reading: Both textbooks Home learning: as per lesson resources shared online
<ul style="list-style-type: none"> Mock preparations and exam technique 	Accountability	ANALYSING- Critical or logical thinking	Reading: Both textbooks Home learning: as per lesson resources shared online
Half Term			
<ul style="list-style-type: none"> Year 11 mocks 			
<ul style="list-style-type: none"> Year 11 mocks 			
<ul style="list-style-type: none"> Mock feedback Programming challenges 	Accountability	HARD WORKING-Practice ANALYSING- Critical or logical thinking	Reading: Both textbooks Home learning: as per lesson resources shared online

<ul style="list-style-type: none"> • Skeleton Code preparations 	Digital Dubai: Layout of technology project https://www.digitaldubai.ae/home-page	ANALYSING- Critical or logical thinking AGILE- Enquiring	Reading: Both textbooks Home learning: as per lesson resources shared online
<ul style="list-style-type: none"> • Skeleton Code preparations 		ANALYSING- Critical or logical thinking AGILE- Enquiring	Reading: Both textbooks Home learning: as per lesson resources shared online
Spring Break			