

Key Stage 4 Curriculum Map 2020 - 2021

Term 2

Subject: Computer Science	Year: 11	
Focus/Topic	UAE Links	Home Learning / Reading
<ul style="list-style-type: none"> • Assessment - Iteration 		
<ul style="list-style-type: none"> • Data Structures including: <ul style="list-style-type: none"> ○ 1D Arrays and Lists 	Lists/Arrays to store/sort the Emirates	Reading: Python textbook Home learning: as per lesson resources on MS Teams
<ul style="list-style-type: none"> • Data Structures including: <ul style="list-style-type: none"> ○ 2D Array • Handling external data 	Lists/Arrays to store/sort the Emirates	Reading: Python textbook Home learning: as per lesson resources on MS Teams
<ul style="list-style-type: none"> • Handling external data • Mini assessment 		Reading: Python textbook Home learning: as per lesson resources on MS Teams
<ul style="list-style-type: none"> • Searching and sorting 		Reading: Python textbook Home learning: as per lesson resources on MS Teams
<ul style="list-style-type: none"> • Flowcharts • Pseudocode 		Reading: Python textbook Home learning: as per lesson resources on MS Teams
Half Term		
<ul style="list-style-type: none"> • Pseudocode • Assessment – Flowcharts and pseudocode 		Reading: Python textbook Home learning: as per lesson resources on MS Teams
<ul style="list-style-type: none"> • Trace tables • Types of errors 		Reading: Python textbook Home learning: as per lesson resources on MS Teams
<ul style="list-style-type: none"> • Abstraction and decomposition 		Reading: Python textbook Home learning: as per lesson resources on MS Teams

<ul style="list-style-type: none">• Searching algorithms		Reading: Python textbook Home learning: as per lesson resources on MS Teams
<ul style="list-style-type: none">• Sorting algorithms		Reading: Python textbook Home learning: as per lesson resources on MS Teams
Spring Break		