Key Stage 4 Curriculum Map 2020 - 2021

Term 3

Subject: Computer Science		Year: 10	
Focus/Topic		**UAE Links**	**Home Learning / Reading**
• Data Structures including: • 1D Arrays and Lists		Lists/Arrays to store/sort the Emirates **CREATING**-*Originality*	**Reading**: Python textbook **Home learning**: as per lesson resources on MS Teams
• Data Structures including: o 2D Array •		Lists/Arrays to store/sort the Emirates **CREATING** -*Evolutionary and revolutionary thinking*	**Reading**: Python textbook **Home learning**: as per lesson resources on MS Teams
• Catch up and improvements			**Reading**: Python textbook **Home learning**: as per lesson resources on MS Teams
• Catch up and improvements • **Mini assessment** • Feedback and improvements			**Reading**: Python textbook **Home learning**: as per lesson resources on MS Teams
• Retrieval practice - Theory		**Linking** – Big picture thinking	**Reading**: Theory textbook **Home learning**: as per lesson resources on MS Teams
• Handling external data •		**AGILE-** *Creative and enterprising*	**Reading**: Python textbook **Home learning**: as per lesson resources on MS Teams
• Handling external data • **Mini assessment**		**AGILE-** *Creative and enterprising*	**Reading**: Python textbook **Home learning**: as per lesson resources on MS Teams
• Flowcharts • Pseudocode		**AGILE-** *Creative and enterprising* **CREATING-** *Intellectual playfulness*	**Reading**: Python textbook **Home learning**: as per lesson resources on MS Teams
• Pseudocode		**ANALYSING-** *Complex and multi step*	**Reading**: Python textbook

• **Assessment – Flowcharts and pseudocode**	*problem solving* **HARD WORKING**-*Practice*	**Home learning**: as per lesson resources on MS Teams
• Trace tables • Types of errors	**AGILE-** *Enquiring*	**Reading**: Python textbook **Home learning**: as per lesson resources on MS Teams
• Catch up and improvements		
Summer Break		