Key Stage 3 Curriculum Map 2021-22

Term 2

Subject: Computing	Year: 9		
Focus/Topic	**UAE Links**	**HPL Links**	**Home Learning/ Recommended Reading**
Database Development – Creating a report	Generating reports for students in GEMS school	Linking-Seeing alternative perspective	Classroom Phoenix resources
Database Development – Finishing and Testing	Database's systems used within GFS and other schools in the UAE	**Hardworking**- Perseverance	Classroom Phoenix resources
Database Development assessment			
Textual based programming – Abstraction and Decomposition	Parking system or driving a car or a coffee machine	**ANALYSING**-*Precision*	Classroom Phoenix resources
Textual based programming – Flowcharts and Errors	Managing workflow in School.	**CREATING**- *Intellectual playfulness*	Classroom Phoenix resources
Textual based programming – Introduction to the Language	Accountability and brotherhood	**META THINKING –** *Meta cognition*	Classroom Phoenix resources
Half Term			
Textual based programming – Numbers and Naming Conventions	Number of people visited the Burj Khalifa	Realising- Automaticity	Classroom Phoenix resources
Textual based programming – Decisions	Traffic lights in UAE	**META THINKING -** *Strategy planning*	Classroom Phoenix resources
Textual based programming – Iteration	ATM machines	**ANALAYSING -** *Complex and multi step problem*	Classroom Phoenix resources
Textual based programming – Iteration	How iteration is used on the Dubai Metro	**ANALAYSING -***Complex and multi step problem* **AGILE-** *Creative and enterprising*	Classroom Phoenix resources
Python Project			
Spring Break			