جيمس
مــدرســة فاونـدرز
دبي

GEMS
Founders School
DUBAI

Key Stage 4 Curriculum Map 2019 - 2020

Term 1

Subject: Computer Science	Year Group: 10
Week/Date	**Focus/Topic**
1 Sept 2nd-5th	• Baseline assessments and feedback, curriculum orientation, expectations, usernames, onedrive, My Learning
2 Sept 8th-12th	• Number bases/systems • Converting between number bases • Binary arithmetic
3 Sept 15th-19th	• Units of information • Binary arithmetic
4 Sept 22nd -26th	• Character encoding • Representing images
5 Sept 29th-Oct 3rd	• Representing images • Representing audio
6 Oct 6th-10th	• Data compression
7 Oct 13th-17th	• End of unit assessment, feedback and improvements
8 Oct 20th -24th	Mid Term Break
9 Oct 27th-Oct 31st	• Hardware and software • Boolean logic
10 Nov 3rd -7th	• Software classification
11	• Systems architecture

Nov 10th-14th	
12 Nov 17th-21st	• The programming environment • Arithmetic operators • Data Types
13 Nov 24th-28th	• Variable & constant declaration • Assignment
14 Dec 1st -5th	**Assessment Weeks**
15 Dec 8th-12th	
Winter Break: December 13th – January 2nd	