Key Stage 5 Curriculum Map 2019 - 2020

Term 2

Subject: Computer Science		Year: 13	
Focus/Topic		**UAE Links**	**Home Learning / Reading**
• NEA • Skeleton program preparations			NEA development Skeleton program preparations
• FSM • Maths for regular expressions • Regular expressions and languages • Context free language			NEA development
• NEA			
• BNF • Big O Notation • Turing Machine • The Halting Problem		How companies within the UAE collect and store big data	
• NEA			
• Floating point – errors etc. • Checksums • Classification of algorithms		Why is data encrypted within the UAE	
• NEA			
Mid Term Break			
• The internet and TCP/IP • Internet security • Client server model		The internet and internet security within the UAE. UAE v UK legislation	NEA development
• NEA • Skeleton program preparations			NEA development Skeleton program preparations
Assessment Week			
Spring Break			