

Key Stage 3 Curriculum Map 2020-21

Term 2

Year Group: 7	Subject: Computing		
Focus/Topic	Objectives	Key Skills/ UAE Links	Home Learning/ Recommended Reading
<ul style="list-style-type: none"> Spreadsheet modeling 	<ul style="list-style-type: none"> Using fundamental formulae and features 	<ul style="list-style-type: none"> Structure of formulae Cell referencing Text wrap 	<ul style="list-style-type: none"> MS Teams Home learning booklet
	<ul style="list-style-type: none"> Exploring further formulae 	<ul style="list-style-type: none"> Built in functions Formatting features to improve presentation and readability Benefit of formulae 	<ul style="list-style-type: none"> MS Teams Home learning booklet
	<ul style="list-style-type: none"> Understanding cell referencing 	<ul style="list-style-type: none"> Absolute cell referencing Data types and data formatting 	<ul style="list-style-type: none"> MS Teams Home learning booklet
	<ul style="list-style-type: none"> Modelling a scenario using calculations and functions 	<ul style="list-style-type: none"> Effects and benefits of correct modeling Predicting outcomes 	<ul style="list-style-type: none"> MS Teams Home learning booklet
	<ul style="list-style-type: none"> Linking worksheets and creating meaningful graphs 	<ul style="list-style-type: none"> Ability to link worksheets and impact of long-term productivity How to create graphs and charges Effective labeling 	<ul style="list-style-type: none"> MS Teams Home learning booklet
	<ul style="list-style-type: none"> Using vlookup to find matching data 	<ul style="list-style-type: none"> Data validation techniques Use of vlookup 	<ul style="list-style-type: none"> MS Teams Home learning booklet
Half Term			

<ul style="list-style-type: none"> Spreadsheet modeling 	<ul style="list-style-type: none"> Analysing data and composing reports 	<ul style="list-style-type: none"> Analysing data to creating purposeful information 	<ul style="list-style-type: none"> MS Teams Home learning booklet
	Assessment		
<ul style="list-style-type: none"> Hardware and Processing – What are Computers 	<ul style="list-style-type: none"> Understand the differences between input and output devices and recognise where sensors are used in everyday objects. 	<ul style="list-style-type: none"> Ability to identify and describe various input and output devices Explain the different types of and use of sensor within everyday items 	<ul style="list-style-type: none"> MS Teams Home learning booklet/project
	<ul style="list-style-type: none"> Be able to recognise the key components that make up a computer and identify their functionality. 	<ul style="list-style-type: none"> Understand the links between various components Ability to identify locations of various hardware within a PC 	<ul style="list-style-type: none"> MS Teams Home learning booklet/project
	<ul style="list-style-type: none"> Understand how to decode binary numbers and convert them to letters using ASCII. 	<ul style="list-style-type: none"> How to read and convert to and from binary Understand how characters are stored in binary Covert between binary and ASCII 	<ul style="list-style-type: none"> MS Teams Home learning booklet/project
Spring Break			