KESTEVEN AND SLEAFORD HIGH SCHOOL

Computing Scheme of Learning



<u>Year 7 – Topic 4 – Spreadsheet Modelling</u>

<u>Intent – Rationale</u>

Topic Intent: The aim of this unit is to develop students' knowledge of spreadsheets focusing on keywords and basic formatting, formulae, and functions

Curriculum Intent: Develop skills to support future study, work and life in the modern world

KS3 PoS: design, use and evaluate computational abstractions that model the state and behaviour of real-world problems and physical systems

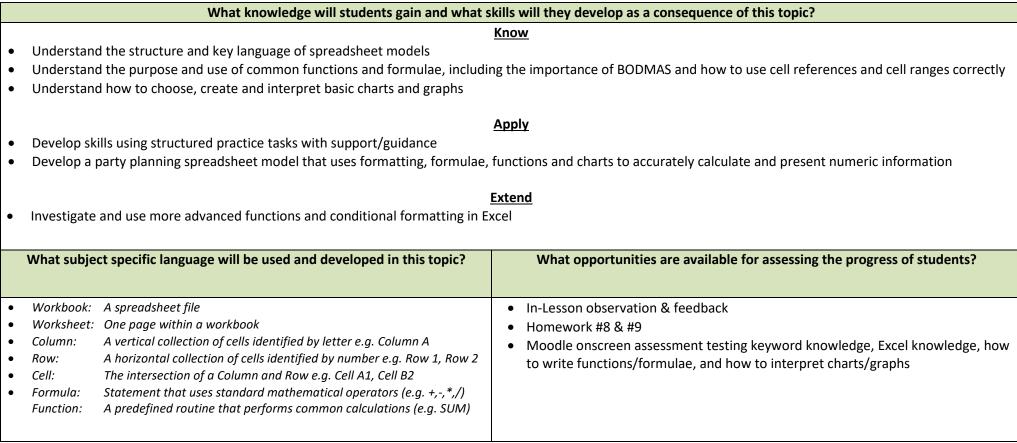
Sequencing – what prior learning does this topic build upon?	Sequencing – what subsequent learning does this topic feed into?	
KS2 Computing (to varying degrees)	Y8 Topic 4– Spreadsheets (Cost of Living)	
	• Y9 Topic 6 – Core Office Skills	
What are the links with other subjects in the curriculum?	What are the links to SMSC, British Values and Careers?	
Mathematics: Averages, sum/product, BODMAS, charts & graphs	GB4d and GB4e	
What are the opportunities for developing literacy skills and developing learner	What are the opportunities for developing mathematical skills?	
confidence and enjoyment in reading?		
Directly linked to topic	See curriculum links above	
 <u>https://www.bbc.co.uk/bitesize/guides/zdydmp3/revision/1</u> 		
Wider Reading/Interest:		
 <u>https://thenewstack.io/how-visicalcs-spreadsheets-changed-the-</u> 		
world/ and https://www.bbc.co.uk/news/business-47802280		

KESTEVEN AND SLEAFORD HIGH SCHOOL

Computing Scheme of Learning

<u>Year 7 – Topic 4 - Spreadsheets</u>

Intent – Concepts





KESTEVEN AND SLEAFORD HIGH SCHOOL

Intent – Concepts



Lesson title	Learning challenge	Higher level challenge	Suggested activities and resources
1-2: Structure and basic Skills	Can I use basic formulae and	Can I improve my efficiency and	
	functions	use autofill	
3: Charts	Can I produce and format basic	Can I use more advanced chart	
	chart	formatting options	
4-5: Party Plan	Can I use my learned knowledge to	Can I present my information	
	create a costed party planner	clearly and accurately?	
6: Final improvements and Revision	Can I identify and address issues	Can I use more advanced	
		formatting?	
7: Onscreen Assessment	Can I use spreadsheet functions		http://moodle.kshs.uk
	and key terminology accurately?		
DiRT time in proceeding lesson (20 mins)			Booklets