

Subject Long Term Plan Year 8 2019-20

Temperance Term

W/C	2 nd September	9 th September	16 th September	23 rd September	30 th September	7 th October	14 th October	21 st October	
Topic	Computing at CFS		Computer Basics 2						
	Login/Passwords	One note, one drive, file organisation	What is a computer, input & output devices	Software and Hardware	Internal parts of a computer	Binary representation (8- bit)	Computer networks (Topologies)	Peer Review / Improvements	
Challenge			Less common devices	Utility software	Well-designed poster with detailed information	Adding binary numbers together	Client-Server, Peer-peer		
Assessment			Questioning / Task completion					Socrative Test	
W/C	HALF TERM	4 th November	11 th November	18 th November	25 th November	2 nd December	9 th December	CHRISTMAS	
Topic		Block programming – Mobile Phone App Project							
		Project Intro: SDLC. Evaluating Apps	Adding components and programming buttons.	Changing properties and adding timing events.	Design and implementation	Testing and evaluation	Peer Review / Improvements		
Challenge		Detailed Review	Wide variety of components	Additional attributes	Customised application	Detailed evaluation			
Assessment		Questioning / Task completion					Socrative Test		

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Justice Term

W/C	6 th January	13 th January	20 th January	27 th January	3 rd February	10 th February	HALF TERM
Topic	Spreadsheet Modelling – Bob’s Budget Project						
	Entering Data, Datatypes (Input)	User Interface / Formatting	Calculations (Process)	Data validation / Protection	Charts and graphs (Output)	Peer Review / Improvements	
Challenge	Formatting data	Accessible interfaces	Lookup functions	Fully protected and validated spreadsheets	Customising graphs		
Assessment	Questioning / Task completion					Socrative Test	
W/C	24 th February	2 nd March	9 th March	16 th March	23 rd March	30 th March	EASTER
Topic	Programming with Python – Game of Chance Project						
	User input and output	Variables and assignment (Sequences)	Selection	Repeating instructions (Iteration)	Functions and procedures	Peer Review / Improvements	
Challenge	Formatting output	Python Lists	Nested “ifs”	Loops in loops	“Fully function(al)”		
Assessment	Questioning / Task completion					Socrative Test	

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Courage Term

W/C	20 th April	27 th April	4 th May	11 th May	18 th May	HALF TERM
Topic	Web Design – Big Drinks Project					
	Introduction / Planning	Tables, text and images	Adding a video and a contact form	CSS	Peer Review / Improvements	
Challenge	Detailed design	Modifying attributes	Google map	Accessibility		
Assessment	Questioning / Task completion				Socratic Test	
W/C	1 st June	8 th June	15 th June	22 nd June	29 th June	6 th July
Topic	KS3 Internal Exams		Databases – Database Detectives Project			
			Databases Tables	Forms & data entry	Queries /Reports	Peer Review / Improvements
Challenge			Data validation	Custom forms/reports	Complex queries	
Assessment			Questioning / Task completion			Questioning / Task completion