

Computer Science Long Term Plan Year 7 2021-22

Temperance Term

W/C	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	HALF TERM	
Area of Study				Getting Started					
Core Learning				Objectives: Identify strong passwords Organise files in folders Content: Login/Password File management		Objectives: Create, save and open documents Send (and reply to) to an email Content: Using Emails			
Opportunities for Challenge				Use of BCC/Forward					
Assessment				Questioning / Task completion		Questioning / Task completion			

W/C	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	CHRISTMAS
Area of Study	Block programming – Scratch Maze Game						
Core Learning	Objectives: Recall and use simple commands Sequence instructions Content: Background and sprites Controlling sprite movement (events, sequences, loops).		Objectives: Recall and use a variety of commands Use conditional statements Content: Detecting collisions (conditional statements) Adding scoring / lives (variables)		Objectives: Identify and resolve errors Evaluate solutions Content: Functions / procedures Peer Review / Improvements		
Opportunities for Challenge	Tricky game idea Random movements		Complex conditions Using lists		"Funky functions"		
Assessment	Questioning / Task completion		Questioning / Task completion		Socrative Test		