

**Year: 7**

**Subject: Computer Studies**

**ICT**

**Business**

**Computer Science**

Half Term	Wk1	Wk2	Wk3	Wk4	Wk5	Wk6 ICA	Wk7 ICA	Wk8 ICA	October Half Term Holiday
<b>1</b> 1 <sup>st</sup> Sept – 24 <sup>th</sup> October) 8 weeks	Welcome to Computer Studies		Word Processing						
	1.1.1 Introduction & Typing skills		1.1.2 What is word processing?		1.1.3 CV project		1.1.4 CV project		
<b>2</b> (3 <sup>rd</sup> November – 19 <sup>th</sup> December) 7 weeks	Wk9	Wk10 LC1	Wk11	Wk12 PE	Wk13	Wk14	Wk15	Christmas Holiday	
	Presentation						Festive activities		
	1.2.1 Set up, design & text		1.2.2 Images, animations & transitions		1.2.3 Insert & view				
<b>3</b> (5 <sup>th</sup> January – 13 <sup>th</sup> February) 6 weeks	Wk16	Wk17	Wk18	Wk19	Wk20	Wk21	February Half Term Holiday		
	Data handling								
	2.1.1 Formulas & Functions		2.1.2 Graphs & Charts		2.1.3 Excel project				
<b>4</b> (3 <sup>rd</sup> February – 27 <sup>th</sup> March) 5 weeks	Wk22 ICA	Wk23 ICA	Wk24 ICA	Wk25	Wk26	Easter Holiday		<b>KEY</b>  <b>ICA</b> – Internal Class Assessment <b>LC</b> – Learning Cycle Week <b>PE</b> – Parents Evening	
	Computer systems								
	2.2.1 Hardware		2.2.2 Software		2.2.3 How a computer works				
<b>5</b> (13 <sup>th</sup> April – 22 <sup>nd</sup> May) 6 weeks	Wk27 LC2	Wk28	Wk29	Wk30	Wk31	Wk32	May Half Term		
	Programming								
	2.2.3 How a computer works	3.1.1 What is programming?	3.1.2 Block based programming		3.1.3 Edublocks – Input & Output				
<b>6</b> (1 <sup>st</sup> June – 17 <sup>th</sup> July) 7 weeks	Wk33	Wk34	Wk35	Wk36	Wk37	Wk38	Wk39	Summer Holiday	
	Programming								
	3.1.3 Edublocks – Input & Output	3.2.1 Edublocks- Turtle	3.2.3 Edublocks- Variables		End of year menu				

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<b>Half Term 1</b> 1 <sup>st</sup> Sept – 24 <sup>th</sup> October) 8 weeks	Wk1	Wk2	Wk3	Wk4	Wk5	Wk6 ICA	Wk7 ICA	Wk8 ICA	<b>October Half Term Holiday</b>
	Welcome	Text based Programming				Spreadsheets			
	1.1.1 Welcome back	1.1.2 Computational thinking	1.1.3 Small basic - Graphics Window	1.1.4 Small basic - Turtle	1.1.5 Small basic - Variables	1.1.6 Formatting & Navigation	1.1.7 Formulas, functions & charts	1.1.8 Data Validation	
<b>Half Term 2</b> (3 <sup>rd</sup> November – 19 <sup>th</sup> December) 7 weeks	Wk9	Wk10	Wk11 LC1	Wk12	Wk13	Wk14	Wk15	<b>Christmas Holiday</b>	
	Business Studies								
<b>Half Term 3</b> (5 <sup>th</sup> January – 13 <sup>th</sup> February) 6 weeks	Wk16	Wk17	Wk18	Wk19	Wk20	Wk21	<b>February Half Term Holiday</b>		
	Computer Science					Computing activities			
	2.1.1 Binary to Denary	2.1.2 Binary addition	2.1.3 Hexadecima l numbers	2.1.4 Digital images	2.1.5 Digital sound				
<b>Half Term 4</b> (3 <sup>rd</sup> February – 27 <sup>th</sup> March) 5 weeks	Wk22 ICA	Wk23 ICA	Wk24 ICA	Wk25	Wk26	<b>Easter Holiday</b>		<b>KEY</b>  ICA – Internal Class Assessment LC – Learning Cycle Week PE – Parents Evening	
	Online Safety		Image editing						
	2.2.1 Online Bullying	2.2.2 Digital Footprint	2.2.3 Photoshop skills	2.2.4 Pre-production	2.2.5 Film poster				
<b>Half Term 5</b> (13 <sup>th</sup> April – 22 <sup>nd</sup> May) 6 weeks	Wk27 LC2	Wk28	Wk29	Wk30	Wk31	Wk32	<b>May Half Term</b>		
	Internet of Everything					IoE Activities			
3.1.1 Smart Tech	3.1.2 Ai	3.1.3 Autonomy	3.1.4 IT Services	3.1.5 Emerging technologies					
<b>Half Term 6</b> (1 <sup>st</sup> June – 17 <sup>th</sup> July) 7 weeks	Wk33	Wk34	Wk35	Wk36 PE	Wk37	Wk38	Wk39	<b>Summer Holiday</b>	
	Wath Travel			Events that changed the world					
	3.2.1 Destinations	3.2.2 Excursions	3.2.3 Promotion	3.2.4 Research	3.2.5 Timeline	3.2.6 Interactive quiz	End of year menu		

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**Computer Science**

Half Term	Wk1	Wk2	Wk3	Wk4	Wk5	Wk6 ICA	Wk7 ICA	Wk8 ICA	
<b>1</b> 1 <sup>st</sup> Sept – 24 <sup>th</sup> October) 8 weeks	Welcome	Programming				Databases			<b>October Half Term Holiday</b>
	1.1.1 Introduction	1.1.2 Print, Input & Output	1.1.3 IF, ELIF statements	1.1.4 Case check, lives & while loops	1.1.5 Project	1.1.6 Database theory	1.1.7 Data types	1.1.8 Queries & reports	
<b>2</b> (3 <sup>rd</sup> November – 19 <sup>th</sup> December) 7 weeks	Wk9	Wk10	Wk11 LC1	Wk12	Wk13	Wk14 PE	Wk15	<b>Christmas Holiday</b>	
	Business Studies						Festive activities		
<b>3</b> (5 <sup>th</sup> January – 13 <sup>th</sup> February) 6 weeks	Wk16	Wk17 OP	Wk18	Wk19	Wk20	Wk21	<b>February Half Term Holiday</b>		
	Online safety		Image editing						
<b>4</b> (3 <sup>rd</sup> February – 27 <sup>th</sup> March) 5 weeks	Wk22 ICA	Wk23 ICA	Wk24 ICA	Wk25	Wk26	<b>Easter Holiday</b>			<b>KEY</b>  ICA – Internal Class Assessment LC – Learning Cycle Week PE – Parents Evening OP – Options Evening
	Cyber security								
<b>5</b> (13 <sup>th</sup> April – 22 <sup>nd</sup> May) 6 weeks	Wk27 LC2	Wk28	Wk29	Wk30	Wk31	Wk32	<b>May Half Term</b>		
	Connectivity			Spreadsheets					
<b>6</b> (1 <sup>st</sup> June – 17 <sup>th</sup> July) 7 weeks	Wk33	Wk34	Wk35	Wk36	Wk37	Wk38	Wk39	<b>Summer Holiday</b>	
	IT Project						End of year menu		
	3.2.1 Copyright	3.2.2 Image settings	3.2.3 Logo research	3.2.4 Logo creation	3.2.5 Branding	3.2.6 Final presentation			

## Key

<b>ICA</b>	=	<b>Internal Class Assessment</b>
<b>LC</b>	=	<b>Learning Cycle Week</b>
<b>PE</b>	=	<b>Parents Evening</b>
<b>liL</b>	=	<b>Investment in learning data drop</b>
<b>Trial</b>	=	<b>Trial Period</b>
<b>WE</b>	=	<b>Work Experience</b>