



Computing Year 8

2016 - 2017																	
TERM 1			TERM 2			TERM 3			Results								
Autumn 1			Autumn 2			Spring 1			Spring 2			Summer 1			Summer 2		
Term Dates	03/09/16 - 23/10/16		03/11/16 - 19/12/16		05/01/17 - 13/02/17		23/02/17 - 03/04/17		20/04/17 - 22/05/17		01/06/17 - 17/07/17						
	8 weeks		7 weeks		6 weeks		6 weeks		5 weeks		7 weeks						
Number of lessons	2 lesson per week for 10 weeks		2 lesson per week for 10 weeks		2 lesson per week for 10 weeks		2 lesson per week for 10 weeks		2 lesson per week for 10 weeks		2 lesson per week for 10 weeks						
Teaching focus	1 Develop advance research skills and understand issue of copyright and plagiarism & language of programming		1. Develop Digital Literarcy skills		1 Develop advance research skills and understand issue of copyright and plagiarism & language of programming		1. Develop Digital Literarcy skills		1 Develop advance research skills and understand issue of copyright and plagiarism & language of programming		1. Develop Digital Literarcy skills						
	2 Assessing and improving own work		2 Assessing and improving own work		2 Assessing and improving own work		2 Assessing and improving own work		2 Assessing and improving own work		2 Assessing and improving own work						
Assessment	Levels for Unit 1 History of Computing/Input out put devices and Unit 2 Visual Programming/binary/ ceaser cypher		Levels for Unit 3 Theme Park Project		Levels for Unit 1 History of Computing/Input out put devices and Unit 2 Visual Programming/binary/ ceaser cypher		Levels for Unit 3 Theme Park Project		Levels for Unit 1 History of Computing/Input out put devices and Unit 2 Visual Programming/binary/ ceaser cypher		Levels for Unit 3 Theme Park Project						
Extra Classes	Tuesday white week lunch		Tuesday white week lunch		Tuesday white week lunch		Tuesday white week lunch		Tuesday white week lunch		Tuesday white week lunch						
Exam Board	n/a		n/a		n/a		n/a		n/a		n/a						
Home learning expectations	One per week		One per week		One per week		One per week		One per week		One per week						
Suggested Revision Resources	teachict.com & code.org & codeavengers.com & python		teachict.com & code.org & codeavengers.com & python		teachict.com & code.org & codeavengers.com & python		teachict.com & code.org & codeavengers.com & python		teachict.com & code.org & codeavengers.com & python		teachict.com & code.org & codeavengers.com & python						
Marking, Assessment, Reporting, Recording	History of computing, Input / Output, Binary, Ceaser Cypher , Digital Magazine cover; algorithms in GUI, Jarva and Python;		Portfolio of work for theme park unit using crieria for GCSE CA for guidance		History of computing, Input / Output, Binary, Ceaser Cypher , Digital Magazine cover; algorithms in GUI, Jarva and Python;		Portfolio of work for theme park unit using crieria for GCSE CA for guidance		History of computing, Input / Output, Binary, Ceaser Cypher , Digital Magazine cover; algorithms in GUI, Jarva and Python;		Portfolio of work for theme park unit using crieria for GCSE CA for guidance						
	MID TERM HOLIDAY		CHRISTMAS HOLIDAY		MID TERM HOLIDAY		EASTER HOLIDAY		MID TERM HOLIDAY		SUMMER HOLIDAY						



KS4 ICT

2016 - 2017												
TERM 1			TERM 2				TERM 3				Results	
	Autumn 1		Autumn 2		Spring 1		Spring 2		Summer 1		Summer 2	
Term Dates	03/09/16 - 23/10/16		03/11/16 - 19/12/16		05/01/17 - 13/02/17		23/02/17 - 03/04/17		20/04/17 - 22/05/17		01/06/17 - 17/07/17	
Number of lessons	8 weeks		7 weeks		6 weeks		6 weeks		5 weeks		7 weeks	
Teaching focus	2 lesson per week for 10 weeks		2 lesson per week for 10 weeks		2 lesson per week for 10 weeks		2 lesson per week for 10 weeks		2 lesson per week for 10 weeks		2 lesson per week for 10 weeks	
Mock (Pre public examination)	1											
Controlled assessment/Unit code(s)	2		Full paper yr 11 only									
Booster Classes	Acivity 1 5IT02		Activity 2 5IT02		Activity 2 5IT02		Activity 3 5IT02					
Exam Board	Tuesday & Thursday		Tuesday & Thursday		Tuesday & Thursday		Tuesday & Thursday		Tuesday & Thursday		Tuesday & Thursday	
Web link to specification	Edexcel		Edexcel		Edexcel		Edexcel		Edexcel		Edexcel	
Provisional Exam date(s)/Unit code (s)	http://www.edexcel.com/quals/gcse/gcse10/ict/		http://www.edexcel.com/quals/gcse/gcse10/ict/		http://www.edexcel.com/quals/gcse/gcse10/ict/		http://www.edexcel.com/quals/gcse/gcse10/ict/		http://www.edexcel.com/quals/gcse/gcse10/ict/		http://www.edexcel.com/quals/gcse/gcse10/ict/	
Home learning expectations									14/05/2015 yr 11 5IT01/01			
Suggested Revision Resources	Evaluation on products made in activity 1 yr 10 One piece of theory per week yr 11		Evaluation on products made in activity 2 yr 10 One piece of theory per week yr 11		Evaluation on products made in activity 2 yr 10		Evaluation on products made in activity 3 yr 10 One piece of theory per week yr 11		One piece per week yr 10 & 11		One piece per week yr 10 & 11	
MARR	Edexcel GCSE ICT Revision guide and workbook	MID TERM HOLIDAY	Edexcel GCSE ICT Revision guide and workbook	CHRISTMAS HOLIDAY	Edexcel GCSE ICT Revision guide and workbook	MID TERM HOLIDAY	Edexcel GCSE ICT Revision guide and workbook	EASTER HOLIDAY	Edexcel GCSE ICT Revision guide and workbook	MID TERM HOLIDAY	Edexcel GCSE ICT Revision guide and workbook	SUMMER HOLIDAY



Computer Science Year 10

2016 - 2017												
TERM 1			TERM 2				TERM 3				Results	
Autumn 1			Autumn 2		Spring 1		Spring 2		Summer 1		Summer 2	
Term Dates	03/09/16 - 23/10/16		03/11/16 - 19/12/16		05/01/17 - 13/02/17		23/02/17 - 03/04/17		20/04/17 - 22/05/17		01/06/17 - 17/07/17	
	8 weeks		7 weeks		6 weeks		6 weeks		5 weeks		7 weeks	
Number of lessons	5 lesson per fortnight		5 lesson per fortnight		5 lesson per fortnight		5 lesson per fortnight		5 lesson per fortnight		5 lesson per fortnight	
Teaching focus	1 key concepts in programming syntax		Repetition construct:		Binary		Compression		Hard ware v' software		CPU	
	2 Problem solving: introduction to programming, ways of describing problems (algorithms, written description, flowchart, pseudocode)		Pseudocode and built-in subprograms:		Data Representation		Encryption		Input v's Output		Memory	
Assessment	One ppoint each week from Block 1 Activitives 1 to 12 assessed.		One ppoint per week from Block 1 activities 13 to 24 assessed End of Unit test on programming assessed against exam board boundaries		One ppoint per week from Block 2 activities 25 to 28		One ppoint per week from block 3 activity 1 to 8 and end of unit test binary		One ppoint per week from block 3 activities 1 to 12 and end of unit test compression		One ppoint per week fromBlock 4 activities 13 to 24 and end of unit test CPU	
Extra Classes	Tuesday and Thursday lunch		Tuesday and Thursday lunch		Tuesday and Thursday lunch		Tuesday and Thursday lunch		Tuesday and Thursday lunch		Tuesday and Thursday lunch	
Exam Board	Edexcel		Edexcel		Edexcel		Edexcel		Edexcel		Edexcel	
Home learning expectations	http://qualifications.pearson.com/en/qualifications/edexcel-gcses/computer-science-2013.html		http://qualifications.pearson.com/en/qualifications/edexcel-gcses/computer-science-2013.html		http://qualifications.pearson.com/en/qualifications/edexcel-gcses/computer-science-2013.html		http://qualifications.pearson.com/en/qualifications/edexcel-gcses/computer-science-2013.html		http://qualifications.pearson.com/en/qualifications/edexcel-gcses/computer-science-2013.html		http://qualifications.pearson.com/en/qualifications/edexcel-gcses/computer-science-2013.html	
Suggested Revision Resources	Edexcel GCSE ICT Revision guide and workbook		Edexcel GCSE ICT Revision guide and workbook		Edexcel GCSE ICT Revision guide and workbook		Edexcel GCSE ICT Revision guide and workbook		Edexcel GCSE ICT Revision guide and workbook		Edexcel GCSE ICT Revision guide and workbook	
Marking, Assessment, Reporting, Recording	Teacher comments on hwks and tracker updated with accurate score from end of unit test & RAG		Teacher comments on hwks and tracker updated with accurate score from end of unit test & RAG		Teacher comments on hwks and tracker updated with accurate score from end of unit test & RAG		Teacher comments on hwks and tracker updated with accurate score from end of unit test & RAG		Teacher comments on hwks and tracker updated with accurate score from end of unit test & RAG		Teacher comments on hwks and tracker updated with accurate score from end of unit test & RAG	
	MID TERM HOLIDAY		CHRISTMAS HOLIDAY		MID TERM HOLIDAY		EASTER HOLIDAY		MID TERM HOLIDAY		SUMMER HOLIDAY	

Computer Science Year 11

2016 - 2017											
TERM 1			TERM 2			TERM 3			Results		
Autumn 1		Autumn 2		Spring 1		Spring 2		Summer 1			
Term Dates	03/09/16 - 23/10/16	03/11/16 - 19/12/16	05/01/17 - 13/02/17	23/02/17 - 03/04/17	20/04/17 - 22/05/17						
	8 weeks	7 weeks	6 weeks	6 weeks	5 weeks						
Number of lessons	5 lesson per fortnight		5 lesson per fortnight		5 lesson per fortnight		5 lesson per fortnight				
Teaching focus	Database & SQL		HTML & CSS		Impact on society & the law		Controlled Assessment		Algorithms, Boolean AND , OR, NOT, Truth Tables and Trace Tables		
	Primary and Foreign keys in a relational database and run a range of SQL commands including		Use range of HTML tags including style, image and hyperlinks to external page and additional web pages		Identify range of advantages and disadvantages of computer advancement on society and the law governing its use including: computer misuse, data protection, health & safety, copyright and patent		Create 3 x program and 2 x evaluation, 2 x test plan in keeping with exam paper requirements		Create pseudocode, flowcharts, algorithms for given brief and carryout logic checking using truth tables and trace tables		
Assessment	One point each week from Block 6 Activities 29/04/2016 End of Unit test on programming assessed against exam board boundaries		One point per week from Block 5 activities. End of Unit test on programming assessed against exam board boundaries		One point per week from Block 7 activities. End of Unit test on programming assessed against exam board boundaries		15 hr max to complete this task. Marked against exam board marking frame acting on feedback from chief examiners report from previous summer		One point per week from block 9 activities and end of unit test compression		
Extra Classes	Tuesday and Thursday lunch		Tuesday and Thursday lunch		Tuesday and Thursday lunch		Tuesday and Thursday lunch		Tuesday and Thursday lunch		
Exam Board	Edexcel		Edexcel		Edexcel		Edexcel		Edexcel		
Home learning expectations	http://qualifications.pearson.com/en/qualifications/edexcel-gcse/computer-science-2013.html		http://qualifications.pearson.com/en/qualifications/edexcel-gcse/computer-science-2013.html		http://qualifications.pearson.com/en/qualifications/edexcel-gcse/computer-science-2013.html		http://qualifications.pearson.com/en/qualifications/edexcel-gcse/computer-science-2013.html		http://qualifications.pearson.com/en/qualifications/edexcel-gcse/computer-science-2013.html		
Suggested Revision Resources	Edexcel GCSE ICT Revision guide and workbook		Edexcel GCSE ICT Revision guide and workbook		Edexcel GCSE ICT Revision guide and workbook		Edexcel GCSE ICT Revision guide and workbook		Edexcel GCSE ICT Revision guide and workbook		
Marking, Assessment, Reporting, Recording	Teacher comments on hwks and tracker updated with accurate score from end of unit test & RAG		Teacher comments on hwks & tracker updated with accurate score from end of unit test & RAG		Teacher comments on hwks & tracker updated with accurate score from end of unit test & RAG		Teacher comments on hwks & tracker updated with accurate score from end of unit test & RAG		Teacher comments on hwks & tracker updated with accurate score from end of unit test & RAG		
		MID TERM HOLIDAY		CHRISTMAS HOLIDAY		MID TERM HOLIDAY		EASTER HOLIDAY		MID TERM HOLIDAY	
										SUMMER HOLIDAY	