

Plashet Computing and Business Department

SOL Planning 2014 – 2015

Term Dates:

Term	Dates	No of weeks	Notes
Autumn 1	01/09/14 – 24/10/14	8	01/09/14 – Inset day 23/10/14 – Diwali
Autumn 2	03/11/14 – 19/12/14	7	06/11/14 - Guru Nanak 27/11/14 and 28/11/14 – Inset days
Spring 1	05/01/15 – 13/02/15	6	
Spring 2	23/02/15 – 02/04/15	6	Yr10 work experience 23/03/15 to 02/04/15
Summer 1	20/04/15 – 22/05/15	5	20/04/15 – Inset day 04/05/15 – May day bank holiday
Summer 2	01/06/15 – 24/07/15	8	17/07/15 – Eid

Computing Year 7 Curriculum and Assessment Map 2014- 2015

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
No. of weeks	8	7	6	6	5	8
No. of days	38	32	30	29	23	38
No. of lessons	8	7	6	6	5	8
Year 7 Schemes of Learning	Introduction to Computing <ul style="list-style-type: none"> • What is computing • The school network • PowerPoint skills • Fronter 	Introduction to Computing (cont.) E-safety	E-safety (cont.) <ul style="list-style-type: none"> • Introduction & COEP material • Cyber bullying • Social networks • Privacy 	Data <ul style="list-style-type: none"> • Data and information • Types of data • Measuring data • Binary conversion • Simple binary arithmetic 	Data (cont.)	Modelling using spreadsheets <ul style="list-style-type: none"> • Formatting a model • Basic formulae • What if analysis • Graphs

Self-Assessment Frequency	Average of once every three lessons					
Peer-Assessment Frequency	Average of once every four lessons					
Formative Assessment Key topics	Each unit of work (4 units of work during the year) has at least two verbal feedback opportunities where target for improvements are given. In addition each unit has a major task given in for detailed written feedback.					
Summative Assessments Test titles	-	Introduction to computing end of unit test	E-safety end of unit test	-	Data end of unit test	Final spreadsheet model
Monitoring	<ul style="list-style-type: none"> • All test marks are entered into G4S. CM takes an overview of these to identify any areas of concern • Twice a year a random sample of student works books (these show all feedback) are monitored. • Learning walks • PM observation of each teacher 					

Computing Year 8 Curriculum and Assessment Map 2014- 2015

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
No. of weeks	8	7	6	6	5	8
No. of days	38	32	30	29	23	38
No. of lessons	8	7	6	6	5	8
Year 8 Schemes of Learning	Databases <ul style="list-style-type: none"> Database setup Data types and validation Queries and reports Data Protection Act 	Hardware and Software <ul style="list-style-type: none"> Input, output and storage devices The CPU Moore's Law and multitasking Applications software Human computer interface 	Hardware and Software (cont.) Scratch programming	Scratch programming (cont.) <ul style="list-style-type: none"> Visual programming Inputs and control Simple loops 	Algorithms <ul style="list-style-type: none"> Computation thinking and problem solving Flowcharts Sorting and searching algorithms 	Introduction to Python <ul style="list-style-type: none"> Textual based programming Introduction the Python IDLE Variables Input handling

Self-Assessment Frequency	Average of once every three lessons					
Peer-Assessment Frequency	Average of once every four lessons					
Formative Assessment Key topics	Each unit of work (5 units of work during the year) has at least two verbal feedback opportunities where target for improvements are given. In addition each unit has a major task given in for detailed written feedback.					
Summative Assessments Test titles	Databases end of unit test	-	Hardware and software end of unit test	Annotated program code and print screens of run	Algorithms end of unit test	Annotated program code and print screens of run
Monitoring	<ul style="list-style-type: none"> All test marks are entered into G4S. CM takes an overview of these to identify any areas of concern Twice a year a random sample of student works books (these show all feedback) are monitored. Learning walks PM observation of each teacher 					

Computing Year 9 Curriculum and Assessment Map 2014- 2015

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
No. of weeks	8	7	6	6	5	8
No. of days	38	32	30	29	23	38
No. of lessons	8	7	6	6	5	8
Year 9 Schemes of Learning	Programming with Python <ul style="list-style-type: none"> Variables Loops and iteration Data types Logical operators Commenting Defining functions 	Programming with Python (cont.)	How computers work <ul style="list-style-type: none"> Systems software Operating systems Binary logic Fetch execute cycle 	ICT in the real world <ul style="list-style-type: none"> Health and safety Computer misuse act Reliability of information on the internet 	Trends in computing <ul style="list-style-type: none"> Research project Legal, ethical and social implications Impact and application of technology Presentation of project 	Trends in computing (cont.)

Self-Assessment Frequency	Average of once every three lessons					
Peer-Assessment Frequency	Average of once every four lessons					
Formative Assessment Key topics	Each unit of work (4 units of work during the year) has at least two verbal feedback opportunities where target for improvements are given. In addition each unit has a major task given in for detailed written feedback.					
Summative Assessments Test titles	Annotated program 1 code and print screens of run	Annotated program 2 code and print screens of run	How computers work end of unit test	ICT in the real world end of unit test	-	Final research project handed in
Monitoring	<ul style="list-style-type: none"> All test marks are entered into G4S. CM takes an overview of these to identify any areas of concern Twice a year a random sample of student works books (these show all feedback) are monitored. Learning walks PM observation of each teacher 					

GCSE ICT Year 10 Curriculum and Assessment Map 2014- 2015

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
No. of weeks	8	7	6	6	5	8
No. of days	38	32	30	29	23	38
No. of lessons						
Year 10 Schemes of Learning	Creative use of ICT	Creative use of ICT – controlled coursework	Creative use of ICT - controlled coursework (cont.) Practical applications of ICT	Practical applications of ICT – controlled coursework	Practical applications of ICT – controlled coursework (cont.)	ICT in today's world

Self-Assessment Frequency	Once every five lessons					
Peer-Assessment Frequency	Once every five lessons					
Formative Assessment Key topics	Individual verbal feedback for each unit of work (except for controlled coursework) Two practice coursework tasks to receive written feedback and targets for improvement					
Summative Assessments Test titles	Practice coursework marks	Controlled coursework – no feedback	Practice coursework marks	Controlled coursework – no feedback	Controlled coursework – no feedback	ICT in today's world unit test
Monitoring	<ul style="list-style-type: none"> Practice coursework and test marks entered on G4S. CM takes an overview of these to identify any areas of concern. Twice a year a random sample of student works books (these show all feedback) are monitored. Learning walks PM observation of each teacher 					

GCSE Business Studies Year 10 Curriculum and Assessment Map 2014- 2015

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
No. of weeks	8	7	6	6	5	8
No. of days	38	32	30	29	23	38
No. of lessons						
Year 10 Schemes of Learning	Spotting a business opportunity	Showing enterprise	Putting a business idea into practice	Making the start-up effective Economic context	Economic context (cont.) Practice Coursework task	Controlled coursework Unit 1 revision

Self-Assessment Frequency	Once every five lessons					
Peer-Assessment Frequency	Once every five lessons					
Formative Assessment Key topics	For each unit written feedback is given on one homework task and exam style question answered in class. Peer assessment is also used to support this.				Practice coursework tasks to receive written feedback and targets for improvement	Controlled coursework – no feedback
Summative Assessments Test titles	Spotting a business opportunity end of unit test	Showing enterprise end of unit test	Putting a business idea into practice end of unit test	Making the start-up effective end of unit test	Economic context end of unit test	Controlled coursework – no feedback
Monitoring	<ul style="list-style-type: none"> Practice coursework and test marks entered on G4S. CM takes an overview of these to identify any areas of concern. Twice a year a random sample of student works books (these show all feedback) are monitored. Learning walks PM observation of each teacher 					

Cambridge Nationals ICT Year 11 (single option) Curriculum and Assessment Map 2014- 2015

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
No. of weeks	8	7	6	6	5	8
No. of days	38	32	30	29	23	38
No. of lessons	8	7	6	6	5	8
Year 10 Schemes of Learning	R001 Computer systems (examined unit)	R001 Computer systems (examined unit)	R009 Hardware and networks (coursework unit)	R009 Hardware and networks (coursework unit)	Recap previous units	Private study as course has ended

Self-Assessment Frequency	Once every 4 weeks	Regular opportunities for self-assessment based on the marking grids. At least once every four lessons	
Peer-Assessment Frequency	Once every 4 weeks	No peer assessment possible as students undertaking coursework	
Formative Assessment Key topics	Written feedback given on exam questions and worksheets once every four weeks	Prior to the deadline student hand in each coursework task. They receive written comments on how to improve in general terms. Whole class verbal feedback is given.	
Summative Assessments Test titles	Mock exam	End of unit marks	
Monitoring	<ul style="list-style-type: none"> All coursework marks entered on G4S. Each teacher and CM monitors progress. Mock exam mark entered on G4S Learning walks PM observation of each teacher		

Cambridge Nationals ICT Year 11 (double option) Curriculum and Assessment Map 2014- 2015

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
No. of weeks	8	7	6	6	5	8
No. of days	38	32	30	29	23	38
No. of lessons						
Year 10 Schemes of Learning	R011 Project R001 Computer systems (examined unit)	R001 Computer systems (examined unit)	R006 Digital images (coursework unit)	Sound and video (coursework unit)	Recap previous units	Private study as course has ended

Self-Assessment Frequency	Once every two weeks	Regular opportunities for self-assessment based on the marking grids. At least once every three to four lessons	
Peer-Assessment Frequency	Once every two weeks	No peer assessment possible as students undertaking coursework	
Formative Assessment Key topics	Written feedback given on exam questions and worksheets once every two weeks	Prior to the deadline student hand in each coursework task. They receive written comments on how to improve in general terms. Whole class verbal feedback is given.	
Summative Assessments Test titles	Mock exam	End of unit marks	
Monitoring	<ul style="list-style-type: none"> All coursework marks entered on G4S. Each teacher and CM monitors progress. Mock exam mark entered on G4S Learning walks PM observation of each teacher 		