Computing Long Term Plan Year 9 Group 2015-16

	Autumn one (8 wks)	Autumn two (7 wks)	Spring one (6 wks)	Spring two (4 wks)	Summer one (8 wks)	Summer two (7 wks)
Key Concepts	Problem Solving & Programming		GCSE Controlled Assessment	Data Representation	Computers & Assembly Language Programming	
Themes	Designing Code Python		Designing, Creating and Evaluating Code for a given scenario	How data can be represented in various forms	Hardware How computer components work How computers process instructions	
Spiritual, Moral, Social And Cultural Theme (SMSC) Fundamental British Values (FBV)	SMSC: Spiritual – Understanding the consequences of our behaviour & actions FBV: The rule of Law	SMSC: Spiritual – Ability to recognise the difference between right and wrong FBV: Freedom of Choice	SMSC: Social – Use a range of social skills in different contexts FBV: Freedom of Thought	SMSC: Social – Demonstrate skills and attitudes that will allow us all to participate and contribute fully to life in modern Britain FBV: Tolerance & Respect	SMSC: Moral – Interest in investigating & offering reasoned views about moral and ethical issues FBV: Fairness	SMSC: Cultural – Willingness to participate in and respond positively to artistic, musical, sporting and cultural opportunities FBV: Freedom of religion
Key Assessment Focuses, Suggested Assessments and Feedback Week	CW1 – Baseline (Week 1) CW2 – Python Challenges (Week 4) Assessment – Python Challenges (Week 7) CW1 – Practice GCSE task (Code Design) (Week 2) CW2 – Practice GCSE task (Written Code) (Week 4) Assessment – Overall grade for Practice GCSE task (including evaluation) (Week 6)		To be assessed according to the GCSE Marking Criteria CW1 – Design of Code (Week 2) CW2 – Written Code (Week 5) Assessment – Overall (including evaluation) (Week 7)	CW1 – Baseline of knowledge (Week 1) CW2 – Classwork (Week 3) Assessment – GCSE question (Week 5)	CW1 – Baseline of knowledge (Week 1) CW2 – Classwork (Week 3) **Assessment – Summer Exam** CW1 – Classwork (Week 2) CW2 – Exam Question (Week 4) Assessment – Exam Question (Week 6)	
Use of glossary and spelling tests (key words on medium term plans) for teaching spelling and vocabulary: writing AFs 7 and 8. Reading to develop fluency AF1 is ongoing.						

Websites that can help my learning: www.codeacademy.com http://www.cram.com www.teach-ict.com
http://qualifications.pearson.com/en/qualifications/edexcel-gcses/computer-science-2013.coursematerials.html#filterQuery=category:Pearson-UK:Category%2FSpecification-and-sample-assessments

Visits to places that can help my learning: To be added as places become known

FBV include: democracy; the rule of law; freedom of religion; freedom of choice; freedom of thought ; freedom of speech; freedom of association; tolerance and respect; fairness; liberty; social responsibility; and equality for all.