FAIRFAX
SINCERITAS LABORIS

YEAR 9 CURRICULUM INFORMATION – BUSINESS AND COMPUTING		
	Spring 1	Spring 2
What will students be learning?	Students begin by learning about how businesses measure the amount of profit they make. They will also practise some important numeracy skills such as reading and interpreting graphs. Students then find out how different countries around the world work together and how businesses trade in more than one country.	Students begin by studying the topic 'Programming Fundamentals' where they will learn about the different types of programming languages there are and how they are used to solve a variety of computational problems.
How will students be assessed?	Students will be assessed on the topic with a set of calculation questions (10 marks).	Students will be assessed on the topic with a set of multiple-choice and short answer questions (10 marks).
Literacy – What keywords will be taught?	- Gross profit - Net profit - Profit margin - Quantitative data - Profitability Globalisation Imports Exports	- Programming Language - Machine Code - Assembly Language - Variable - Constant	- Data Type - Boolean Operators - Sequence - Selection - Iteration
What employability skills are being developed?	Problem-solving, creativity, communication, financial literacy.	Problem solving skills, logical reasoning, and numeracy.
Wider Curriculum Links?	English, Maths	Maths – numeracy and logical reasoning
What useful websites are there for this topic?	BBC bitesize – Business Seneca learning - Business	Programming - KS3 Computer Science - BBC Bitesize SenecaLearning - Coding: Introduction to Python v3
What wider reading could be done for this topic?	Methods of Improving Profit	Business	tutor2u	The three basic programming constructs - Programming constructs - OCR - GCSE Computer Science Revision - OCR - BBC Bitesize
What else can students be doing independently to develop their understanding of this topic?	Create revision cards for each topic area. Create financial scenarios to test yourself on calculating profitability.	Create revision cards for each topic area. Students can learn how to code using different languages using this website. Learn today, build a brighter tomorrow.	Code.org