Cotswold Edge Sixth Form

Subject:	Economics @ BGS	Assessment Point 1 – Coursework
Title of the project:		Maths for Economics and Understanding the Economy
Due date: First lesson back September 2019		
Learning skills and their place in the specification		**Quantitative Skills:** Calculate and interpret data in a range of forms. To analyse data to reach informed conclusions about a range of scenarios. **Critical thinking:** Using analysis and reasoning to reach logical conclusions and judgements **Independent research skills:** Showing an ability to use a range of different resources. Demonstrate selectivity and comprehension of a range of material. **Self-management:** To be able to plan work that needs to be done, self-motivate and meet deadlines set.
Specification link		http://qualifications.pearson.com/en/qualifications/edexcel-a-levels/economics-b-2015.coursematerials.html#filterQuery=category:Pearson-UK:Category%2FSpecification-and-sample-assessments
Tasks set		Reading and interpreting data. Calculations to analyse and draw conclusions from information given. Research current wider economic situation and the impact from specific current economic events.
How this links to the exam specification		Overview and working through key skills required throughout the course.

How to complete the task:		Using the appendices list provided, answer the following questions.
		 You are advised to show your workings.
		 1. Using Appendix 1,
		   a. Calculate which age group has seen the largest percentage change in smokers.
		   b. Calculate which age group has seen the least percentage change in smokers.
		   c. Write a paragraph to suggest reasons why this might be the case.
		 2. Using Appendix 2,
		   a. Calculate the highest and lowest percentage change in smokers by gender.
		   b. Write a paragraph to suggest reasons why this might be the case.
		 3. Using Appendix 3, calculate the percentage change in the number of adults smoking between 1974 and 2013.
		 4. Using Appendix 4, calculate the percentage difference in the price of cigarettes between the highest and the lowest across Europe.
		 5. Using Appendix 5,
		   a. Calculate and show how the percentage of tax paid on cigarettes has changed between 1990 – 2013.

	b. Write a paragraph to explain the implications of this for smokers and the government. Use other sources to support your points made.
	6. Consider recent changes to government regulation regarding the sale of cigarettes, identify the changes that have been implemented this year. Assess the effectiveness of these changes in meeting government objectives. Use sources to help explain your answer.
	7. Using Appendix 6 as a guide, produce a comprehensive picture of the UK's current economic situation. Include definitions and current situation.
	8. Conduct research on **the impact of the digital economy on the UK High Street**. Write a report of no more than 1 side of A4 to explain how the growth of the digital economy is affecting retailing: a. Include wider reading sources (e.g. news articles, etc) b. Outline historical and current situation c. Explain the potential impact on customers and both retailers and online businesses. d. Explain the potential impact on the wider economy.
Resources or links	Appendices List – this can be accessed as follows:- **BGS students** at L:\Cotswold Edge\Economics@BGS Assessment 1 Documents. You could use HomeAccess+ if you are not at school. **CSS students** can access them on OSCAR **YA students** at R:\SIXTH FORM **To calculate Percentage change** = $\dfrac{\text{Change}}{\text{Original amount}}$ x100 http://www.bbc.co.uk/news/business http://news.sky.com/business https://www.theguardian.com/uk/business Study Centre Economic & Business Review Magazines
Staff contact and email address:	Ms E Jones: ejones1@brimsham.com
Number of learning hours it will take to complete	Minimum 10 hours