

**Week beginning – Monday 11<sup>th</sup> January 2021****KS4 English****Lesson 1**

Re-read the extracts from last week in the Reading Skills Non-Fiction Workbook: Down Under and Letters from Australia.

Complete page 7 in the workbook – Comparing Texts. Remember to focus on similarities and differences.

If you can, take a look at the BBC Bitesize pages which look at non-fiction comparison using videos and examples: [Comparing texts - Year 9 - S3 - English - This Terms Topics - Home Learning with BBC Bitesize - BBC Bitesize](#)

**Lesson 2**

Page 8 Reading Skills Non-Fiction Workbook. Read the extract 'Some Eminent Women of Our Times'. Highlight any words you do not understand. Use a dictionary or Google these. Annotate the extract with explanations of these words.

Summarise the extract – Who, what, where, why, when?

Complete the questions on page 10.

**Lesson 3**

An Inspector Calls or Blood Brothers.

Read the plot summary in the beginning of your revision guides. Can you add to your flash cards?

Blood Brothers: Read the character profile of The Narrator. Create a flash card for this character. Include at least one key quote.

An Inspector Calls: Read the character profile of The Inspector. Create a flash card for this character. Include at least one key quote.

**Lesson 4**

Blood Brothers: Complete the practice questions on page 31 of your revision guide. Write in full PEE paragraphs. Remember to spotlight key words and analyse these fully.

An Inspector Calls: Complete the practice questions on page 34 of your revision guide. Write in full PEE paragraphs. Remember to spotlight key words and analyse these fully.

The links below are for a series of lessons focusing on the characters from each play. Please access if you can - the videos are only twenty minutes long.

An Inspector Calls:

[The Inspector \(Part 1\) \(thenational.academy\)](#), [The Inspector \(Part 2\) \(thenational.academy\)](#)

Blood Brothers:

[The Narrator \(Part 1\) \(thenational.academy\)](#), [The Narrator \(Part 2\) \(thenational.academy\)](#)

**KS4 Maths**

Read through pages 9-16 in your Revision Guide and complete the corresponding questions on pages 8-15 in your Workbook. Topics include:

- Prime Numbers, Prime Factors, LCM and HCF. You will learn how to express a number as a product of its prime factors. You will also learn how to find the lowest and highest

common multiple of a number.

- Fractions, Decimals and Percentages – This should build on your existing knowledge on how to convert between the three.
- Fraction arithmetic -You will learn how to simplify, add, subtract, multiply and divide fractions including mixed number fractions.
- Fraction Problems – You will learn how to solve worded fraction problems combining your mathematical understanding with your English retrieval skills.
- Percentages – You will learn how to express a number as a percentage of another. You will be pushed further as you convert percentages to decimals, there is the option to then complete work on recurring decimals as fractions.

I fully expect all work to be completed. I cannot stress enough the importance of providing me with this work. I am the one who will submit a grade for you, you cannot afford to have a six-week gaping hole of knowledge. On the contrary, if you complete this work every week to a high standard then you are providing me with the evidence for a grade that you deserve. Do not let yourself down.

## **KS4 Biology**

### **Topic 4 – Bioenergetics - Continued**

This week, we are learning about respiration. Respiration happens in the Mitochondria and is the process in which the body releases energy from food.

Energy is needed for life processes such as:

- Growth and repair
- Movement
- Control of body temperature in mammals

Respiration is a chemical reaction that happens in all living cells, including plant cells and animal cells. It is the way that energy is released from glucose so that all the other chemical processes needed for life can happen. Do not confuse respiration with breathing, which is properly called ventilation.

Read pages 110 -113 of the GCSE AQA Biology Complete Revision and Practice book.

Answer the warm- up questions and exam question one and two.

<https://www.bbc.co.uk/bitesize/guides/zm6rd2p/revision/1>