

Week beginning – Monday 11th January 2021**KS4 English**

I have planned some lessons for you to complete using the books we have provided. There will be a mixture of Language and Literature lessons; we will begin by revising reading skills and Blood Brothers or An Inspector Calls -you know which play you are focusing on. I recommend refreshing your memory by watching the plays again if you can. There are several versions on

YouTube but the link to the ones we watched are below:

- Blood Brothers: [Blood Brothers Final - YouTube](#)
- An Inspector Calls: <https://www.youtube.com/watch?v=zXT0FgfrQWM>

Remember to read. There are lots of free books online. You may need a parent to create an account for you on some of these sites. If you need help when accessing books, please let me know.

Online books:

- [Free eBooks, Teen Fiction, Teens & YA, NOOK Books | Barnes & Noble® \(barnesandnoble.com\)](#)
- [Free Reads of Young Adult & Teen Books | Riveted by Simon Teen \(rivetedlit.com\)](#)
[Free Books For Teens & Young Adults Online \(obooko.com\)](#)

You can access online learning through gaming devices such as PlayStations and Xboxes. If you need support with this, please let me know. We are here if you need anything. Please get in touch. I can't wait to be back in the classroom together but until then, take care of yourselves and make the most of the time with your families.

Miss Aaron

Lesson 1

Page 2 Reading Skills Non-Fiction Workbook. Read the extract 'Down Under'. Highlight all verbs and adjectives.

- Summarise the extract – who, what, where, why, when?
- Complete the questions on pages 3 and 4.

The link below allows access to a series of videos which will support your reading. Please access these if you can.

Approaching Non-Fiction Reading: [Approaching unseen non-fiction texts \(thenational.academy\)](#)

Lesson 2

- Page 5 Reading Skills Non-Fiction Workbook. Read the extract 'Letters from Australia'. Highlight all verbs and adjectives.
- Summarise the extract – who, what, where, why, when?
- Complete the questions on page 6.

Lesson 3

Page 24 Reading Skills Fiction Workbook. Read the extract 'The Haunting of Hill House'. Highlight all words which describe the emotions of the narrator.

- Summarise the extract – who, what, where, why, when?
- Complete the questions on pages 25 – 27.

The link below allows access to a series of videos which will support your reading. Please access these if you can.

Approaching Fiction Reading: [Language Skills - Fiction - Reading - Oak National Academy \(thenational.academy\)](#)

Lesson 4

Page 28 Reading Skills Fiction Workbook. Read the extract 'The Island of Doctor Moreau'. Highlight all words which you do not understand. Use a dictionary or Google to find what they mean.

- Summarise the extract – who, what, where, why, when?
- Complete the questions on pages 29 – 31.

Lesson 5 and 6

Read through the comic strip at the back of the Text Guide - some of you are studying Blood Brothers and some An Inspector Calls. Both guides have the comic strip.

Read and make revision notes (flash cards, mind maps) using the text guide of all characters:

Blood Brothers	An Inspector Calls
Mickey	Mr Birling
Edward	Mrs Birling
Mrs Johnstone	Sheila
Mrs Lyons	Eric
Sammy	Gerald
Linda	Eva Smith

We will return to The Inspector and The Narrator at a later date so don't worry about these just yet.

Complete the corresponding questions in your workbooks – there are a page of questions per character.

The links below are for a series of lessons focusing on themes and characters from each play. Please access if you can - the videos are only 20 minutes long.

- An Inspector Calls: <https://classroom.thenational.academy/units/an-inspector-calls-923e>
- Blood Brothers: <https://classroom.thenational.academy/units/blood-brothers-9a3f>

KS4 Maths

Read through pages 2-8 in your Revision Guide and complete the corresponding questions on pages 1-7 in your Workbook. Topics include:

- BIDMAS – You will learn how to solve problems using order of operations. This includes square and cube number as well as brackets.
- Multiplication & Division skills – You will be multiplying and dividing by powers of 10. This will also involve using decimals. This should be nothing you cannot do. There are also worksheets on long multiplication. Use the grid method to help solve these questions.
- Negative numbers – Answer the question. Remember to think about these questions as temperature. If it drops in temperature, subtract, if it gets hotter then you get closer to zero.
- Prime numbers – Answer the questions in the workbook. Remember a prime number has only two factors, one and itself and there is only one even prime number!
- Wordy Weal-Life Problems which involve using various number skills to solve. This will involve you relying on your English comprehension skills to complete. Read each question carefully and pick out the important parts of the question.

Mr Clark fully expects all work to be completed.

KS4 Biology

Topic 4 – Bioenergetics

This week, we are learning about photosynthesis in plants. Photosynthesis is an important process in which plants make glucose and oxygen from carbon dioxide and water.

Read pages 101 -107 of the GCSE AQA Biology Complete Revision and Practice book. Answer the warm- up questions and answer the exam questions on page 108, then answer the following questions:

Where does photosynthesis mainly take place?

What gaseous reactant is needed for photosynthesis?

What are the products of photosynthesis?

Write a word equation for photosynthesis?

What four factors affect how quickly photosynthesis takes place?

What chemical is required for photosynthesis?

Why does photosynthesis not happen in the root of plants?

What happens to the two products of photosynthesis?

How could you test for starch in leaves?

<https://www.bbc.co.uk/bitesize/guides/zs4mk2p/revision/1>