

# Year 9 Practice Learning Document

In this booklet you will find an outline of your Practice Learning tasks to be completed for this half term.

All Practice Learning tasks are essential to your learning in lessons and revolve around three principles:

- Retrieval – helping you to retain and remember information
- Consolidation – helping you to secure knowledge or skills
  - Pre-reading or research – preparing you for learning

Your teachers will give you further resources and information surrounding your tasks during the week they are set and all work complete will be used as part of your lesson, so it is important to complete it on time.

Remember, if you are unsure of the work you need to complete you can: seek support in The Fern at lunch times, speak to your teacher or attend study club after school.

April - May 2023

# Subject: English

# Unit: The Crucible

Date set	Task	Date due
21/04/23	Pre-reading - Aristotle's poetics: Research what the six elements of a tragedy are and create a poster of them.	28/04/23
24/04/23	Pre-reading - McCarthyism: Read the article by searching for the following link. Answer the question: Who is McCarthy and what is McCarthyism?	28/04/23
28/04/23	Consolidation: Create a fact-file on witches in and around the 17 <sup>th</sup> Century.	05/04/23
05/04/23	Retrieval: Salem witch trials: Why and how did witch trials become commonplace and accepted in the 17 <sup>th</sup> century? <a href="#">Witch Trials Information</a>	12/04/23
12/04/23	Pre-reading – Use Unifrog to research the career of a journalist.	19/04/23
19/04/23	Create a newspaper article on the appearance of Witchcraft in Salem.	26/04/23

1. Herd Mentality
2. Collectivism
3. Social norms
4. Ritual
5. Trade unions

## Recommended Reading

1. [The Salem Witch Trials](#)
2. [Herd Mentality](#)
3. [Context for the Crucible](#)

## Key Vocabulary

Learn these using the suggested activities in your vocabulary books



1. [The Crucible: Full play summary](#)
2. [Arthur Miller's best plays](#)
3. [Arthur Miller Information](#)

## Useful Research Sites



Summer Term 1: April – May 2023

Year 9

# Subject: Maths

# Units 1, 7 – 11 Practice Learning

Date set	Task	Date due
WC 17 <sup>th</sup> April 2023	<b>Retrieval</b> Unit 7 – Percentages	WC 24 <sup>th</sup> April 2023
WC 24 <sup>th</sup> April 2023	<b>Consolidation</b> Unit 10 – Solving Simultaneous Equations	WC 1 <sup>st</sup> May 2023
WC 1 <sup>st</sup> May 2023	<b>Retrieval</b> Unit 8 – Surface Area and Volume	WC 8 <sup>th</sup> May 2023
WC 8 <sup>th</sup> May 2023	<b>Pre-Reading</b> 'Further Careers That Maths Can Lead To'	WC 15 <sup>th</sup> May 2023
WC 15 <sup>th</sup> May 2023	<b>Consolidation</b> Unit 11 – Direct and Inverse Proportion	WC 22 <sup>th</sup> May 2023
WC 22 <sup>th</sup> May 2023	<b>Retrieval</b> Unit 1 – Quadratic Sequences	WC 5 <sup>th</sup> June 2023

All Retrieval and Consolidation tasks are set on MathsWatch.

1. Asymptote
2. Balance
3. Elimination
4. Intersection
5. Reciprocal

## Recommended Reading/Podcasts

1. [vle.mathswatch.co.uk](http://vle.mathswatch.co.uk)  
(username example: jbloggs@suthers  
Password: suthers2022)
2. [corbettmaths.com](http://corbettmaths.com)
3. [nrich.maths.org](http://nrich.maths.org)
4. [mathsisfun.com](http://mathsisfun.com)

## Key Vocabulary

Learn these using the suggested activities in your vocabulary books

1. 'Savage Shapes' – Kjartan Poskitt
2. BBC Radio 4 - More or Less: Behind the Stats Podcast
3. 'Humble Pi; A Comedy of Maths Errors' – Matt Parker

## Useful Research Sites

Summer Term 1 – April to May 2023

Year 9

# Subject: Science

## Unit: 7) Waves (Sound & Light), 8) Chemical Changes

Date set	Task	Date due
WC 17 <sup>th</sup> April 2023	<b>Prereading</b> Watch the video on <a href="#">how the eye works</a> and make 10 summary notes on the different structures in the eye, how the eye works and how concave/convex lenses correct eye problems	WC 24 <sup>th</sup> April 2023
WC 24 <sup>th</sup> April 2023	<b>Application</b> Produce a poster showing the different types of light in the electromagnetic spectrum and their uses.	WC 1 <sup>st</sup> May 2023
WC 1 <sup>st</sup> May 2023	<b>Consolidation</b> Choose your task from the takeaway menu, with the aim of reviewing your understanding of the given topic.	WC 8 <sup>th</sup> May 2023
WC 8 <sup>th</sup> May 2023	<b>Prereading</b> Read the National Geographic article on <a href="#">chemical and physical changes</a> and answer the questions provided by your teacher.	WC 15 <sup>th</sup> May 2023
WC 15 <sup>th</sup> May 2023	<b>Application</b> Complete the chemical equation worksheet given to you by your teacher.	WC 22 <sup>nd</sup> May 2023
WC 22 <sup>nd</sup> May 2023	<b>Consolidation</b> Choose your task from the takeaway menu, with the aim of reviewing your understanding of the given topic.	WC 5 <sup>th</sup> June 2023

1. Reflection
2. Refraction
3. Electromagnetic
4. Exothermic
5. Endothermic

### Recommended Resources

1. [BBC Bitesize sound summary](#)
2. Introduction to the [electromagnetic spectrum](#)
3. [Law of conservation of mass](#)

### Key Vocabulary

Learn these using the suggested activities in your vocabulary books

1. [Bending light simulator](#) – see refraction in practice
2. [Colour and filter simulator](#) – investigate how filters affect the colour we see
3. [Writing equations](#) – guidance on how to write chemical equations

### Useful Research Sites

Summer Term 1 – April to May 2023

Year 9

# Subject: History

# Unit: The Cold War/ Civil Rights Movement

Date set	Task	Date due
27/03/2023	<b>2 week extension whilst we finish the topic.</b> Project based learning. You need to create a museum, which shows the key events of the Cold War, key individuals and long-term implications of the Cold War. Examples from last year include: PowerPoint presentation, painting, model museum. You can work independently or with a partner.	01/05/2023
01/05/2023	Create 5-10 flash cards to show your understanding of the Cold War topic. Remember the more detail on the flash cards the better. You need to show that you understand why the Cold War happened and some of the key events. Minimum 60 words per flash card.	15/05/2023
15/05/2023	Windrush scandal – story, source, scholarship. Work sheet to be given in class.	26/05/2023

1. Berlin Wall
2. Civil Rights
3. Equality
4. Segregation
5. Windrush
6. Jim Crow Laws
7. Boycott

## Key Vocabulary

Learn these using the suggested activities in your vocabulary books

Noughts and Crosses – Malorie Blackman

To kill a mockingbird – Harper Lee

## Recommended Reading

<https://libguides.rowan.edu/c.php?g=248072&p=7643766> – Primary sources about the Civil Rights Movement.

**History Extra Podcast** – *‘Everything you ever wanted to know about the civil rights movement, but were afraid to ask.’*

## Useful Research Sites

Summer Term 1 – April to May 2023

Year 9

# Subject: Geography

# Unit: Climate Change

Date set	Task	Date due
17 <sup>th</sup> April	<p>What imprint are humans leaving on the planet? Research the following aspects of the planet and for each one write a short paragraph.</p> <ul style="list-style-type: none"><li>• Biodiversity</li><li>• Cities</li><li>• Coasts and oceans</li><li>• Atmosphere</li><li>• Farming and food production</li><li>• Mining</li><li>• Forests</li><li>• Water use</li></ul>	27 <sup>th</sup> May

1. Mitigation
2. Predictions
3. Analysis
4. Meteorological
5. Anthropocene

## Recommended to watch

[Is a vegan diet better for the environment? | BBC Good Food](#)

[Water scarcity | UNICEF](#)

[Why are UK supermarkets facing fresh food shortages? | Food & drink industry | The Guardian](#)

[How many people can Earth handle? - BBC Future](#)

## Key Vocabulary

Learn these using the suggested activities in your vocabulary books



<https://www.youtube.com/watch?v=ccR2zK6yn8o>

BBC Countryfile

BBC War on Waste

## Useful Research Sites



Summer Term 1 – April to May 2023

**Year 9**

# Subject: Computing

# Units 4: Data Representation

Date set	Task	Date due
WC 24 <sup>th</sup> April 2023	<b>Pre-Reading</b> Watch this video <a href="https://youtu.be/pCIUh20mNIA">https://youtu.be/pCIUh20mNIA</a> Write a summary on how we convert numbers to Binary.	WC 1 <sup>st</sup> May 2023
WC 8 <sup>th</sup> May 2023	<b>Consolidation</b> 'Convert the numbers into binary' Worksheet available on Teams.	WC 15 <sup>th</sup> May 2023
WC 22 <sup>th</sup> May 2023	<b>Consolidation</b> 'Complete the truth table of the three logic gates' Worksheet available on Teams. Watch this video for help: <a href="https://youtu.be/jN9WtjyXf4">https://youtu.be/jN9WtjyXf4</a>	WC 5 <sup>th</sup> June 2023

Work can be completed on Teams as an assignment task set for every week.

1. Data
2. Binary
3. Hexadecimal
4. Logic gates
5. Denary

## Recommended Reading/Podcasts

1. BBC Bitesize
2. <https://learningcontent.cisco.com/games/binary/index.html>

## Key Vocabulary

Learn these using the suggested activities in your vocabulary books

1. <https://teachcomputing.org/curriculum/key-stage-4/data-representations>
2. <https://teachcomputerscience.com/data-representation/>

## Useful Research Sites

Summer Term 1 – April to May 2023

Year 9

# Subject: PE

# Unit: Lacrosse/Rounders

Date set	Task	Date due
WB 17/4 & WB 8/5	Review the following videos on the rules Lacrosse <a href="https://youtu.be/O03TuYCQ3JY">https://youtu.be/O03TuYCQ3JY</a> Rounders <a href="https://youtu.be/f5Lxiy9_L9Q">https://youtu.be/f5Lxiy9_L9Q</a>	WB 24/4 & WB 15/5
WB 24/4 & WB 15/5	Lacrosse Basic Moves/Tactics <a href="https://youtu.be/Km3XtYJLhOo">https://youtu.be/Km3XtYJLhOo</a> Rounders Basic Moves/Tactics <a href="https://youtu.be/ST1ejoVgsmo">https://youtu.be/ST1ejoVgsmo</a>	WB 2/5 & WB 22/5
WB 2/5 & WB 22/5	Match Example <a href="https://youtu.be/qXLTHAgZ5IO">https://youtu.be/qXLTHAgZ5IO</a> Match Example <a href="https://youtu.be/veMacwRU9ms">https://youtu.be/veMacwRU9ms</a>	WB 8/5 & WB 5/6

## Lacrosse

Scoop  
Flick  
Dodge  
Intercept

## Rounders

Back Stop  
Post  
Base  
Run out

## Key Vocabulary

Learn these using the suggested activities in your vocabulary books



## Governing Body

## Websites



<https://www.bbc.co.uk/sport/rounders>

<https://www.bbc.co.uk/sport/lacrosse>

[www.roundersengland.co.uk/play](http://www.roundersengland.co.uk/play)

<https://www.englishlacrosse.co.uk/>

## Useful Research Sites



Summer 1 – April to May 2023

Year 9



1. <https://www.youngminds.org.uk/young-person/>
2. <https://www.childline.org.uk/info-advice/>
3. <https://www.youtube.com/@AntiBullyingAlliance>

## Websites to support your physical and mental health and relationships

Building on from lesson learning you can use these websites to support you.

## Websites and Resources to develop your understanding of living in the wider world

1. **Brilliant Questions about Growing Up** by Amy Forbes-Robertson and Alex Fryer.
2. **A Teenage Guide to Almost Everything** – Autumn Publishing.
3. **You Can Do It – How to find Your Voice and Make a Difference** by Marcus Rashford/Carl Anka.

1. Unifrog – Year 8/9 Log into your account and update your Questionnaires. Add to your 'Favourites' to develop your Careers Library.  
<https://www.unifrog.org/>
2. E-safety -Choose your age category and complete the activities.  
<http://www.thinkuknow.co.uk/>

## KS3 Books to read in PD

# Subject: Drama

# Unit: Godber style and techniques

Date set	Task	Date due
17 <sup>th</sup> April	Research John Godber. Find 5 facts!	24 <sup>th</sup> April
8 <sup>th</sup> May	Rehearse and perfect your final performance ready for your final assessment.	15 <sup>th</sup> May
22 <sup>nd</sup> May	Consider your targets you set last half term. Did you meet them? If so how? What targets could you set yourself for next time?	26 <sup>th</sup> May

1. Stereotypes
2. Multirole
3. Narration
4. Direct address
5. Exaggeration

## Key Vocabulary

Learn these using the suggested activities in your vocabulary books

6. Synchronisation
7. Cannon
8. Popular Music
9. Choral Speech
10. Stylised movement

## Key Vocabulary

Continued...

1. GCSE Bitesize Drama
2. John Godber Company

## Useful Research Sites

Summer Term 1 -2023

Year 9

# Subject: Music

# Unit: Pop Evolution

Date set	Task	Date due
17/03/2023	Personal practice. In order to develop your performance skills and increase your success at the next KLC performance you need to practice the pieces we are currently working on. You could do this using an instrument at home if you have one, alternatively you could use an app such as Garage Band, Virtual Piano <a href="https://www.onlinepianist.com/virtual-piano">https://www.onlinepianist.com/virtual-piano</a> or BandLab <a href="https://www.bandlab.com/creation-features?lang=en">https://www.bandlab.com/creation-features?lang=en</a>  You will also need to access your booklet on Teams.	24/05
01/05/23	Personal practice. In order to develop your performance skills and increase your success at the next KLC performance you need to practice the pieces we are currently working on. You could do this using an instrument at home if you have one, alternatively you could use an app such as Garage Band, Virtual Piano <a href="https://www.onlinepianist.com/virtual-piano">https://www.onlinepianist.com/virtual-piano</a> or BandLab <a href="https://www.bandlab.com/creation-features?lang=en">https://www.bandlab.com/creation-features?lang=en</a>  You will also need to access your booklet on Teams.	08/05
15/05/23	Write an evaluation of your practical work in music this term. What have you achieved, what are your strengths, and what do you need to focus on next term?	22/05

1. Dynamics
2. Rhythm
3. Pitch
4. Tempo
5. Texture
6. Melody

## Key Vocabulary

Learn these using the suggested activities in your vocabulary books

1. First Steps in Music Theory by Eric Taylor
2. BBC 10 Pieces Guide To The Orchestra (free E Book)

## Recommended Reading

<https://www.onlinepianist.com/virtual-piano>

<https://www.bandlab.com/creation-features?lang=en>

## Useful Websites

Spring Term 2 –February to March 2023

Year 9