

# Year 10 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.

January – February 2023

# Subject: English

# Unit: Paper 2 (non-fiction) / A Christmas Carol

Date set, week commencing	Task	Date due, week commencing
9/1/23	English Language – Consolidation -Read the unseen extract, highlight and annotate for language devices -Complete a question 2 response based on the extract	16/1/23
16/1/23	English Literature – Consolidation - Create a revision sheet or flashcards that recall the key elements of context for the 19 <sup>th</sup> century text you are studying this term.	23/1/23
23/1/23	English Language – Consolidation -Reread the extract from your previous practice learning task -Complete a question 3 response based on the extract	30/1/23
30/1/23	English Literature - Consolidation - Create a revision sheet or flashcard for your main character's exposition (Jekyll or Scrooge). You need to include relevant context and quotations.	6/2/23
6/2/23	English Language – Recall -Complete the language techniques quiz on... <a href="http://www.bbc.co.uk/bitesize/guides/zc7nycw/test">www.bbc.co.uk/bitesize/guides/zc7nycw/test</a> -Make a flashcard for any of the techniques you struggle to recall	20/2/23

1. Synthesise
2. Dissonance
3. Allegorical
4. Didactic
5. Antithesis

## Recommended Reading

1. <https://www.bbc.co.uk/bitesize/guides/z839dmn/revision/2>
2. <https://www.bl.uk/romantics-and-victorians/teaching-resources>
3. <https://revisionworld.com/a2-level-level-revision/english-literature-gcse-level/dr-jekyll-and-mr-hyde->

## Key Vocabulary

Learn these using the suggested activities in your vocabulary books



1. <https://tutor-in.co.uk/aqa-gcse-english-language-paper-2-revision-guide/>
2. <https://www.physicsandmathstutor.com/english-revision/gcse-aqa/macbeth/>
3. <https://victoriansttu.wordpress.com/victorian-social-codes-in-jekyll-and-hyde/>

## Useful Research Sites



Spring Term 1 – January to February 2023

Year 10

# Subject: Maths

# Units 1 – 8 Practice Learning

Date set	Task	Date due
WC 9 <sup>th</sup> January 2023	<b>Retrieval</b> Unit 1 – Sequences - Quadratics Unit 2 – Standard Form Calculations	WC 16 <sup>th</sup> January 2023
WC 16 <sup>th</sup> January 2023	<b>Consolidation</b> Unit 6 – Compound and Simple Interest	WC 23 <sup>rd</sup> January 2023
WC 23 <sup>rd</sup> January 2023	<b>Retrieval</b> Unit 3 – Pie Charts and Scatter Graphs Unit 4 – Limits of Accuracy	WC 30 <sup>th</sup> January 2023
WC 30 <sup>th</sup> January 2023	<b>Consolidation</b> Unit 7 – Volume and Surface Area of Solids	WC 6 <sup>th</sup> February 2023
WC 6 <sup>th</sup> February 2023	<b>Consolidation</b> Unit 8 – Expanding Brackets and Factorising Quadratics	WC 20 <sup>th</sup> February 2023

All Retrieval and Consolidation tasks are set on MathsWatch.

1. Apex
2. Depreciate
3. Hemisphere
4. Polynomial
5. Truncate

## 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. 'Flatland' – Edwin A. Abbott
2. BBC Radio 4 - More or Less: Behind the Stats Podcast
3. 'Invisible Women' – Caroline Criado Perez

## Useful Research Sites



Spring Term 1 – January to February 2023

**Year 10**

# Subject: Biology [Trilogy]

# Unit 2: Organisation

Date set	Task	Date due
WC 9 <sup>th</sup> January 2023	<b>Retrieval</b> Complete the 'Heart and Blood Vessel' questions assigned on Seneca.	WC 16 <sup>th</sup> January 2023
WC 16 <sup>th</sup> January 2023	<b>Consolidation</b> Complete the 'Circulatory System' past paper questions on the sheet provided.	WC 23 <sup>rd</sup> January 2023
WC 23 <sup>rd</sup> January 2023	<b>Retrieval</b> Complete the 'Non-Communicable Disease' questions assigned on Seneca.	WC 30 <sup>th</sup> January 2023
WC 30 <sup>th</sup> January 2023	<b>Retrieval</b> Complete the 'Plant Organ System' questions assigned on Seneca.	WC 6 <sup>th</sup> February 2023
WC 6 <sup>th</sup> February 2023	<b>Consolidation</b> Complete the "Organisation" past paper questions on the sheet provided.	WC 20 <sup>th</sup> February 2023

**Note:** all consolidation tasks are written questions taken from previous examination papers, with the aim of giving students as much experience with examination technique and the application of what they have been learning in lessons. All retrieval tasks are set using an online platform called 'Seneca'. This focuses primarily on the recall of knowledge from current and previous topics that have been studied.

1. Double circulatory system
2. Blood vessels
3. Coronary heart disease
4. Non-communicable disease
5. Xylem and phloem

## Recommended Resources

1. [Physics & Maths Tutor \(Biology\) - Topic 2](#) (flashcards, practices questions)
2. [Save My Exams](#) . 2. Organisation (revision notes)
3. [BBC Bitesize - Organisation](#) (revision notes, quizzes, questions)

## Key Vocabulary

Learn these using the suggested activities in your vocabulary books



1. [Malmesbury Education](#) - Required Practical 2 Revision - Food tests (youtube)
2. [Fuse School](#) - Enzymes (youtube)
3. [Malmesbury Education](#) - Required practical 4 revision - enzyme activity (youtube)

## Useful Revision Sites



Spring Term 1 – January to February 2023

**Year 10**

# Subject: Biology [Separate]

## Unit 2: Organisation

## Unit 3: Infection and Response

Date set	Task	Date due
WC 9 <sup>th</sup> January 2023	<b>Retrieval</b> Complete the 'Plant Organ System' questions assigned on Seneca.	WC 16 <sup>th</sup> January 2023
WC 16 <sup>th</sup> January 2023	<b>Consolidation</b> Complete the 'Organisation' past paper questions on the sheet provided.	WC 23 <sup>rd</sup> January 2023
WC 23 <sup>rd</sup> January 2023	<b>Retrieval</b> Complete the 'Pathogens and Disease' questions assigned on Seneca.	WC 30 <sup>th</sup> January 2023
WC 30 <sup>th</sup> January 2023	<b>Retrieval</b> Complete the 'Defence against Disease' questions assigned on Seneca.	WC 6 <sup>th</sup> February 2023
WC 6 <sup>th</sup> February 2023	<b>Consolidation</b> Complete the 'Communicable Disease' past paper questions on the sheet provided.	WC 20 <sup>th</sup> February 2023

**Note:** all consolidation tasks are written questions taken from previous examination papers, with the aim of giving students as much experience with examination technique and the application of what they have been learning in lessons. All retrieval tasks are set using an online platform called 'Seneca'. This focuses primarily on the recall of knowledge from current and previous topics that have been studied.

1. Circulatory system
2. Pathogens
3. Immune response
4. Antibiotics
5. Vaccination

### Recommended Resources

1. [Physics & Maths Tutor \(Biology\) - Topic 2 and 3](#) (flashcards, practices questions)
2. [Save My Exams](#) . Topic 2 and 3 (revision notes)
3. [BBC Bitesize - Organisation and Infectious and Response](#) (revision notes, quizzes, questions)

### Key Vocabulary

Learn these using the suggested activities in your vocabulary books



1. [Malmesbury Education](#) - Required Practical 2 Revision - Microscopy (youtube)
2. [Free Science Lessons](#) - Vaccination (youtube)
3. [Free Science Lessons](#) - Monoclonal Antibodies (youtube)

### Useful Revision Sites



Spring Term 1 – January to February 2023

Year 10

Date set	Task	Date due
WC 9 <sup>th</sup> January 2023	<b>Consolidation</b> Complete the 'Reactivity of Metals' past paper questions on the sheet provided.	WC 16 <sup>th</sup> January 2023
WC 16 <sup>th</sup> January 2023	<b>Retrieval</b> Complete the 'Bonding, Structure & Properties of Matter' questions assigned on Seneca.	WC 23 <sup>rd</sup> January 2023
WC 23 <sup>rd</sup> January 2023	<b>Consolidation</b> Complete the 'Reactions of Acids' past paper questions on the sheet provided.	WC 30 <sup>th</sup> January 2023
WC 30 <sup>th</sup> January 2023	<b>Retrieval</b> Complete the 'Quantitative Chemistry' questions assigned on Seneca.	WC 6 <sup>th</sup> February 2023
WC 6 <sup>th</sup> February 2023	<b>Consolidation</b> Complete the 'Making Salts' past paper questions on the sheet provided.	WC 20 <sup>th</sup> February 2023

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1. Oxidation / Reduction
2. Displacement
3. Neutralisation
4. Salt
5. Soluble / Insoluble

## Recommended Resources

1. [Physics & Maths Tutor \(Chemistry\) – Topic 4](#) (flashcards, practice questions)
2. [Save My Exams](#) – 4. Chemical Changes (revision notes)
3. [Malmesbury Education](#) - Required Practical Revision (youtube)

## Key Vocabulary

Learn these using the suggested activities in your vocabulary books



1. Displacement Reactions [Quiz](#)
2. Fuse School – [Neutralisation](#) (youtube)
3. Primrose Kitten – [topic summary](#) (youtube)

## Useful Revision Sites



## Spring Term 1 – January to February 2023

## Year 10

# Subject: Chemistry [Separate]

## Unit: 4) Chemical Changes

Date set	Task	Date due
WC 9 <sup>th</sup> January 2023	<b>Consolidation</b> Complete the 'Reactivity of Metals' past paper questions on the sheet provided.	WC 16 <sup>th</sup> January 2023
WC 16 <sup>th</sup> January 2023	<b>Retrieval</b> Complete the 'Bonding, Structure & Properties of Matter' questions assigned on Seneca.	WC 23 <sup>rd</sup> January 2023
WC 23 <sup>rd</sup> January 2023	<b>Consolidation</b> Complete the 'Reactions of Acids' past paper questions on the sheet provided.	WC 30 <sup>th</sup> January 2023
WC 30 <sup>th</sup> January 2023	<b>Retrieval</b> Complete the 'Quantitative Chemistry' questions assigned on Seneca.	WC 6 <sup>th</sup> February 2023
WC 6 <sup>th</sup> February 2023	<b>Consolidation</b> Complete the 'Making Salts' past paper questions on the sheet provided.	WC 20 <sup>th</sup> February 2023

**Note:** all consolidation tasks are written questions taken from previous examination papers, with the aim of giving students as much experience with examination technique and the application of what they have been learning in lessons. All retrieval tasks are set using an online platform called 'Seneca'. This focuses primarily on the recall of knowledge from current and previous topics that have been studied.

1. Oxidation / Reduction
2. Electron
3. Displacement
4. Neutralisation
5. Salt
6. Soluble / Insoluble

### Recommended Resources

1. [Physics & Maths Tutor \(Chemistry\) – Topic 4](#) (flashcards, practice questions)
2. [Save My Exams](#) – 4. Chemical Changes (revision notes)
3. [Malmesbury Education](#) - Required Practical Revision (youtube)

### Key Vocabulary

Learn these using the suggested activities in your vocabulary books



1. Displacement Reactions [Quiz](#)
2. Fuse School – [Neutralisation](#) (youtube)
3. Fuse School – [Electron Transfer & Redox Reactions](#) (youtube)

### Useful Revision Sites



Spring Term 1 – January to February 2023

**Year 10**

Date set	Task	Date due
WC 9 <sup>th</sup> January 2023	<b>Consolidation</b> Complete the 'Current, Potential Difference & Resistance' past paper questions on the sheet provided.	WC 16 <sup>th</sup> January 2023
WC 16 <sup>th</sup> January 2023	<b>Retrieval</b> Complete the 'Energy Changes, Losses & Efficiency' questions assigned on Seneca.	WC 23 <sup>rd</sup> January 2023
WC 23 <sup>rd</sup> January 2023	<b>Consolidation</b> Complete the 'Domestic Uses of Electricity' past paper questions on the sheet provided.	WC 30 <sup>th</sup> January 2023
WC 30 <sup>th</sup> January 2023	<b>Retrieval</b> Complete the 'Energy Resources' questions assigned on Seneca.	WC 6 <sup>th</sup> February 2023
WC 6 <sup>th</sup> February 2023	<b>Consolidation</b> Complete the 'Energy Transfers' past paper questions on the sheet provided.	WC 20 <sup>th</sup> February 2023

**Note:** all consolidation tasks are written questions taken from previous examination papers, with the aim of giving students as much experience with examination technique and the application of what they have been learning in lessons. All retrieval tasks are set using an online platform called 'Seneca'. This focuses primarily on the recall of knowledge from current and previous topics that have been studied.

1. Current (amps)
2. Potential Difference (volts)
3. Resistance (Ohms)
4. Charge (Coulombs)
5. Power (watts)

## Recommended Resources

1. [Physics & Maths Tutor \(Physics\) - Topic 2](#) (flashcards, practice questions)
2. [Save My Exams](#) - 2. Electricity (revision notes)
3. [Malmesbury Education](#) - Required Practical Revision (youtube)

## Key Vocabulary

Learn these using the suggested activities in your vocabulary books

1. [Circuit Symbols Quiz](#)
2. [Online circuit construction kit](#) (simulation)
3. Fuse School - [Wires](#) (youtube)

## Useful Revision Sites

Spring Term 1 – January to February 2023

**Year 10**



Date set	Task	Date due
WC 9 <sup>th</sup> January 2023	<b>Consolidation</b> Complete the 'Current, Potential Difference & Resistance' past paper questions on the sheet provided.	WC 16 <sup>th</sup> January 2023
WC 16 <sup>th</sup> January 2023	<b>Retrieval</b> Complete the 'Energy Changes, Losses & Efficiency' questions assigned on Seneca.	WC 23 <sup>rd</sup> January 2023
WC 23 <sup>rd</sup> January 2023	<b>Consolidation</b> Complete the 'Domestic Uses of Electricity' past paper questions on the sheet provided.	WC 30 <sup>th</sup> January 2023
WC 30 <sup>th</sup> January 2023	<b>Retrieval</b> Complete the 'Energy Resources' questions assigned on Seneca.	WC 6 <sup>th</sup> February 2023
WC 6 <sup>th</sup> February 2023	<b>Consolidation</b> Complete the 'Energy Transfers' past paper questions on the sheet provided.	WC 20 <sup>th</sup> February 2023

**Note:** all consolidation tasks are written questions taken from previous examination papers, with the aim of giving students as much experience with examination technique and the application of what they have been learning in lessons. All retrieval tasks are set using an online platform called 'Seneca'. This focuses primarily on the recall of knowledge from current and previous topics that have been studied.

1. Current (amps)
2. Potential Difference (volts)
3. Resistance (Ohms)
4. Charge (Coulombs)
5. Power (watts)
6. Thermistor
7. Transformer

## Recommended Resources

1. [Physics & Maths Tutor \(Physics\) - Topic 2](#) (flashcards, practice questions)
2. [Save My Exams](#) - 2. Electricity (revision notes)
3. [Malmesbury Education](#) - Required Practical Revision (youtube)

## Key Vocabulary

Learn these using the suggested activities in your vocabulary books



1. [Circuit Symbols Quiz](#)
2. [Online circuit construction kit \(simulation\)](#)
3. Fuse School - [Wires](#) (youtube)

## Useful Revision Sites



Spring Term 1 – January to February 2023

**Year 10**

# Year group – Year 10

Subject: Hospitality & Catering

Topic – Food safety and hygiene

Date set	Tasks (these are available on the TEAMS page and will be handed out during the lesson.)	Date due
w/c 9 <sup>th</sup> January	<b>Homework 1</b> - Food safety and hygiene workbook pages 2 and 3	w/c 16 <sup>th</sup> January
w/c 16 <sup>th</sup> January	<b>Homework 2</b> – Food safety and hygiene workbook pages 4 and 5	w/c 23 <sup>rd</sup> January
w/c 23 <sup>rd</sup> January	<b>Homework 3</b> – Food safety and hygiene workbook pages 6 and 7	w/c 30 <sup>th</sup> January
w/c 30 <sup>th</sup> Jan	<b>Homework 4</b> – Food safety and hygiene workbook pages 8 and 9	w/c 6 <sup>th</sup> February
w/c 6 <sup>th</sup> February	<b>Homework 5</b> – Food safety and hygiene workbook pages 10 and 11	Half term

- 1. Hygiene
- 2. Due diligence
- 3. Salmonella
- 4. Campylobacter
- 5. Environmental health

## Recommended Reading

- 1. Food Standards Agency – [www.food.gov.uk](http://www.food.gov.uk)
- 2. BBC Bitesize  
[www.bbc.co.uk/bitesize/guides/zndnsrd/revision/3](http://www.bbc.co.uk/bitesize/guides/zndnsrd/revision/3)  
[www.thefoodmarketingexperts.co.uk/](http://www.thefoodmarketingexperts.co.uk/)
- 3. Food a Fact of Life  
[www.foodafactoflife.org.uk/11-14-years/cooking-11-14-years/hygiene-and-safety-11-14-yearsyears](http://www.foodafactoflife.org.uk/11-14-years/cooking-11-14-years/hygiene-and-safety-11-14-yearsyears)

## Key Vocabulary

Learn these using the suggested activities in your vocabulary books

- 1. WJEC GCSE Hospitality and Catering – My Revision Guide (Hodder Education)
- 2. Anita Tull Level 1/2 Hospitality and Catering

## Useful Research Sites

Spring Term 1 – January to February 2023

**Year 10 – Hospitality and Catering**

# Subject: History

## Unit: Health and the People/ Elizabethan England

Date set	Task	Date due
10/1/2023	1. Revision of all 4 units, in preparation for your mock later this month. Use Seneca, booklets provided in class, and revision maps given in class.	20/1/2023
24/1/2023	1. Surgical retrieval homework. 15 questions. Given out in class. 2. Guided reading task on pages 6 and 7 of the Elizabethan booklet.	31/01/2023
31/01/2023	1. 16 mark question on Health Factors.	07/02/2023
07/02/2023	1. Complete Elizabethan England Unit 1 on SENECA LEARNING. 2. 2 practice 8 mark questions (Renaissance period and Elizabethan England convincing question).	21/02/2023

1. Laissez-Faire
2. Privy Council
3. Nobility
4. Divine Right
5. Gentry
6. Monopoly
7. Courtiers

### Key Vocabulary

Learn these using the suggested activities in your vocabulary books

1. Elizabeth I by Helen Castor
2. Medicine: A Magnificently Illustrated History.
3. A Short History of Medicine – Steve Parker

### Recommended Reading

SENECA  
<https://senecalearning.com/en-GB/> - Health and the People and Elizabethan England full courses are on here. Great for revision and pre-learning.  
<https://www.bl.uk/shakespeare/themes/elizabethan-england> - Archives, research and resources on the Elizabethan Era.

### Useful Research Sites

Spring Term 1 – January to February 2023

Year 10