

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.

January – February 2023

Subject: English

Unit: 1984 and Dystopian Fiction

a	Task	Date due
13/01/23	Pre-reading: Complete the pre-reading on Dystopian Fiction. Highlight the key information and summarise your findings in 3 key points.	20/01/23
20/01/23	Retrieval: Complete the mini quiz based on the key themes in 1984.	27/01/23
27/01/23	Consolidation: Create a summary for Chapter 1 of 1984.	03/02/23
03/02/23	Pre-reading: Complete the pre-reading on Privacy in our society and answer the questions that accompany it.	10/02/23
10/02/23	Consolidation: Complete a mini quiz to consolidate our learning on 1984 and privacy so far.	24/02/23

1. Dystopian
2. Totalitarian
3. Omniscient
4. Voyeur
5. Ubiquitous

Key Vocabulary

Learn these using the suggested activities in your vocabulary books

1. <https://www.britannica.com/biography/George-Orwell>
2. <https://rauterberg.employee.id.tue.nl/lecturenotes/DDM110%20CAS/Orwell-1949%201984.pdf>
3. <https://www.goodreads.com/book/show/61439040-1984>

Recommended Reading

1. <https://orwellsociety.com/>
2. <https://www.bbc.co.uk/bitesize/topics/z2jpmg>

Useful Research Sites

Spring Term 1 – January to February 2023

Year 9

Subject: Maths

Units 1 – 7 Practice Learning

Date set	Task	Date due
WC 9 th January 2023	Retrieval Unit 1 – Sequences Unit 2 – Standard Form	WC 16 th January 2023
WC 16 th January 2023	Consolidation Unit 6 – Upper and Lower Bounds	WC 23 rd January 2023
WC 23 rd January 2023	Retrieval Unit 3 – Perimeter and Frequency Trees Unit 4 – Compound Measures	WC 30 th January 2023
WC 30 th January 2023	Pre-Reading 'Careers that Maths can Lead to'	WC 6 th February 2023
WC 6 th February 2023	Consolidation Unit 7 – Compound Interest	WC 20 th February 2023

All Retrieval and Consolidation tasks are set on MathsWatch.

1. Accumulate
2. Bound
3. Depreciate
4. Dimension
5. Exponential

Recommended Reading/Podcasts

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

Key Vocabulary

Learn these using the suggested activities in your vocabulary books



1. Things to Make and Do in the 4th Dimension – Matt Parker
2. BBC Radio 4 - More or Less: Behind the Stats Podcast
3. Maths on the Back of an Envelope – Rob Eastaway

Useful Research Sites



Spring Term 1 – January to February 2023

Year 9

Subject: Science

Unit: 4) Atoms & The Periodic Table & 5) Energy

Date set	Task	Date due
WC 9 th January 2023	Application Complete the 'Atom Builder' challenge using the resources provided on Teams.	WC 16 th January 2023
WC 16 th January 2023	Consolidation Choose your task from the takeaway menu, with the aim of reviewing your understanding of the given topic.	WC 23 rd January 2023
WC 23 rd January 2023	Application Design & draw a rollercoaster, describing the energy transfers that take place whilst the ride is running. Challenge: calculating the energy stores.	WC 30 th January 2023
WC 30 th January 2023	Consolidation Choose your task from the takeaway menu, with the aim of reviewing your understanding of the given topic.	WC 6 th February 2023
WC 6 th February 2023	Application Complete the practice questions about 'Energy & Efficiency' on the task sheet provided.	WC 20 th February 2023

Note: all consolidation tasks are chosen from a 'takeaway menu' that can be located on Teams or in student exercise books. The overall aim of these is to review the topic in question. Application tasks may vary from topic to topic, with students being given written instructions of each task.

1. Element
2. Compound
3. Electron
4. Atomic structure
5. Dissipate

Recommended Resources

1. Ted Ed – [Periodic Table videos](#) (all elements!)
2. BBC Bitesize – KS3 Physics: [Energy Stores](#)
3. Fuse School – [Energy Efficiency](#) (youtube)

Key Vocabulary

Learn these using the suggested activities in your vocabulary books



1. Interactive [Periodic Table of Elements](#)
2. Interactive '[Atom Builder](#)'
3. [Energy Transfers on a Rollercoaster](#) (animation)

Useful Research Sites



Spring Term 1 – January to February 2023

Year 9

Subject: Geography

Unit: Earth's Natural resources

Date set	Task	Date due
16/01/23	<p>The Earth's resources - Sustainable development - AQA - GCSE Chemistry (Single Science) Revision - AQA - BBC Bitesize</p> <p>Follow the link and complete the activities that include short answers, watching clips and completing a quiz.</p>	23/01/23
30/01/23	<p>'Access to energy has been of great benefit for human development and people's quality of life.'</p> <p>Write a paragraph in favour of this statement, and another arguing against it. Make sure you use data and examples and finish with a short conclusion giving your considered opinion.</p>	06/02/23

1. Biosphere
2. Renewable
3. Consequence
4. Insecurity
5. Sustainability

Recommended Reading

1. [What are Natural Resources? | Earth.Org](#)
2. [Tropical rainforests | WWF \(panda.org\)](#)
3. [The Story Of Dale Vince And Forest Green Rovers - The World's Greenest Club \(foottheball.com\)](#)

Key Vocabulary

Learn these using the suggested activities in your vocabulary books

1. Horrible Geography – Bloomin' Rainforests
2. The uninhabitable earth – David Wallace-wells
3. No ones too small to make

Useful Research Sites

Spring Term 1 – January to February 2023

Year 9

Subject: History

Unit: The Holocaust

Date set	Task	Date due
9/1/2022	<ol style="list-style-type: none">1. Research and complete your glossary grid to start to develop your understanding of the key terms we will use this half term.2. Write a summary of what the Holocaust was, using as many of the key words as you can. This should be at least 1 paragraph.	20/1/2022
23/1/2022	<ol style="list-style-type: none">1. Read through the information on Genocide.2. Re-read the information and highlight or underline key words/ important information.3. Create a title and summary bullet point for each paragraph.4. Complete the questions attached to the story and scholarship.	3/2/2022
6/2/2022	<ol style="list-style-type: none">1. https://www.bbc.co.uk/programmes/articles/4W3yzYG6DzPBH08Ld0H9L9j/six-stories-of-children-who-survived-the-holocaust Watch the six stories told by Holocaust survivors.2. When watching the videos write down 3-5 points raised in the video about what happened to the survivors when they were children.	24/2/2022

Key Vocabulary

Learn these using the suggested activities in your vocabulary books

1. Anti-Semitism
2. Genocide
3. Persecution
4. Resistance
5. Liberation

1. Anne Frank's Diary
2. Podcast – Those Who Were There: Voices from the Holocaust. Accessed on Spotify for free or Apple Music.

Recommended Reading

<https://www.bbc.co.uk/bitesize/topics/zk94jxs/articles/zt48dp3> This will give you an overview of the entire Holocaust unit that we study.

<https://www.annefrank.org/en/anne-frank/> View Anne Franks house.

<https://www.nationalarchives.gov.uk/education/resources/holocaust/> (National Archives)

Useful Research Sites

Spring Term 1 – January to February 2023

Year 9

Subject: Music

Unit: Pop Evolution

Date set	Task	Date due
09/01/22	Listen to the following video of the Beatles performing in America in 1964 https://www.youtube.com/watch?v=b-VAxGJdJeQ Write a brief review of the performance and explain why you think they were so popular in the 1960s.	20/01/22
23/01/22	Listen to the following 1970s music video: https://www.youtube.com/watch?v=Sj_9CiNkkn4 Write a brief review of the performance. Identify key features of 1970s music and fashion.	03/02/22
06/02/22	Listen to the following music video from the 1980s https://www.youtube.com/watch?v=uPudE8nDog0&list=PL3QeG6-Djx1ollheXOw8hPvd4kA9idvyB Write a brief review of the song and identify the key features of 1980s music.	24/02/22

- 1. Dynamics
- 2. Rhythm
- 3. Pitch
- 4. Structure
- 5. Texture

Key Vocabulary

Learn these using the suggested activities in your vocabulary books

Recommended Reading

- 1. Rock School Popular Music Theory
- 2. 1001 Albums You Must Hear by Robert Dimery

CultureTrip.com
RollingStone.com
BBC Bitesize

Useful Research Sites

Spring Term 1 – January to February 2023

Year 9

Subject: PE

Unit: Rugby/Basketball

Date set	Task	Date due
WB 16/01	Review the following videos on the rules Rugby- https://www.youtube.com/watch?v=v7e8Y8g3sGY Basketball- https://www.youtube.com/watch?v=XbtmGKif7Ck	WB 30/01
WB 30/01	Rugby Passing https://www.youtube.com/watch?v=C1lCmz-fvGo Basketball Passing https://www.youtube.com/watch?v=SbOexamKyzY	WB 20/02
WB 20/02	Rugby Tackling https://www.youtube.com/watch?v=mMHRZ8LzS7Q Basketball Lay-up https://www.youtube.com/watch?v=DcDRnnY5zO4	WB 06/03
WB 06/03	Rugby Rucking https://www.youtube.com/watch?v=_2iMHprgNbU Basketball Positions https://www.youtube.com/watch?v=4_4CymXARWQ	WB 20/03
WB 20/03	Rugby Game Play https://www.youtube.com/watch?v=em0cfhGE5HM Basketball Game Play https://www.youtube.com/watch?v=9YYz9zym3bc	WB 03/04

Rugby

Ruck
Maul
Scrum
Fly Half
Scrum Half
Forward Line
Defensive Line

Gymnastics

Roll
Flight
Landing
Balance
Posture
Tension
Mirroring

Key Vocabulary

Learn these using the suggested activities in your vocabulary books

Governing Body

Websites

<https://www.bbc.co.uk/sport/rugby-union>

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

www.british-gymnastics.org

www.basketballengland.co.uk

Useful Research Sites

Spring Term 1 – January to February 2023

Year 9

Subject: Art

Unit: Printmaking

Date set	Task	Date due
WB 16/01	Research colour symbolism and find the meanings of the colours you've used in your colour plan. Present your findings in your sketchbook	WB 23/01
WB 30/01	Bring in a piece of 'wild typography' that you like – it could be a photo of a street sign, a shop sign, a billboard or a piece of packaging, the cover of a book, etc.	WB 06/02

1. Lithography
2. Intaglio
3. Reduction Printing
4. Registration
5. Relief Printing

Key Vocabulary

Learn these using the suggested activities in your vocabulary books

1. The Art of Print: From Hogarth to Hockney: Three Hundred Years of Printmaking - Elizabeth Jacklin
2. The Printmaking Ideas Book - Frances Stanfield
3. Expressive Printmaking: A creative guide - Mary Dalton

Recommended Reading

1. Google Art Project - <https://artsandculture.google.com/>
2. Tate Art - <https://www.tate.org.uk/art>
3. Museum of Modern Art - <https://www.moma.org/>

Useful Research Sites

Art Challenge

Art Challenge is a chance for you as a keen artist to find out more and try something creative out. It is **optional** and will not be marked but we would love to see what you create and celebrate your investigation with you. A new Art Challenge is set every half term.

Create a frottage image of either an animal (this could be realistic or a mythological creature) or a landscape from various surface textures

To create your frottage image, consider the following: Composition, Surface textures & What materials you will use (charcoal/pencil/wax crayon etc)



Spring Term 1 – January to February 2023

Year 9

Subject: French

Unit: Le weekend dernier (Last weekend)

Date set	Task	Date due
WB 16/01	Revise current booklet for KLC on the topic of "Mes loisirs"	w/c 23/01
WB 30/01	Complete Homework Booklet Session 1	TBC
WB 20/02	Complete Homework Booklet Session 2	TBC
WB 06/03	Complete Homework Booklet Session 3	TBC
WB 20/03	Complete Homework Booklet Session 4	TBC

1. dernier (last)
2. il faisait (it was (weather))
3. C'était (It was (opinion))
4. L'après-midi (The afternoon)
5. j'ai joué (I played)

Recommended Viewing

1. Mika (sings in French and English)
2. Julien Doré
3. Ben Mazué

Key Vocabulary

Learn these using the suggested activities in your vocabulary books

1. Nailed It! France (Netflix)
2. Lost in Paris (Amazon)
3. Mediterranean with Simon Reeves (Episode 1)

Francophone Music to try!

Spring Term 1 – January to February 2023

Year 9

Subject: Design Technology

Unit: Year 9 Lamp Project

Date set	Task	Date due
w/c 9 th January	Research- Find and print off an image of an aesthetically interesting desk lamp. You will need this to complete a product analysis exercise in your next lesson,	w/c 16 th January
w/c 23 rd January	Research- find an image of 2 other products that have a bridle joint in its construction	w/c 30 th January
w/c 6 th February	1. Describe in detail 3 advantages of using a jig or template to manufacture a product. 2. Find an example from the internet of a drilling jig to make a dowel joint	w/c 20 th February
w/c 27 th February	Research- Find and print and image of a product which has been made by line bending using a strip heater	w/c 6 th March

1. Iconic
2. Bridle Joint
3. Printed Circuit board
4. Drilling jig
5. Light Emitting Diode

Recommended Reading

- <https://www.technologystudent.com/joints/desk17.htm>
- [https://www.bbc.co.uk/bitesize/guides/z6c bcj6/revision/2](https://www.bbc.co.uk/bitesize/guides/z6cbcj6/revision/2)
- [https://technologystudent.com/pcb/solder 1.htm](https://technologystudent.com/pcb/solder1.htm)

Key Vocabulary

Learn these using the suggested activities in your vocabulary books

1. Masterpieces of Modern Design (Design Museum) Catherine Dermot
2. I'm Good at: Design Technology What Job Can I Get? Richard Spilsbury

Useful Research Sites

Spring Term 1 – January to February

Year 9

The Technology curriculum at the Suthers School is on a rotation system. All students have a double lesson (1hr 40) on their timetable per week and will be taught 2 x 9 week rotations for food technology. There will be 8 pieces of practice learning in total for Year 9 students for food technology.

Subject: Hospitality & Catering

Unit: – Pop up restaurant - Year 9O, 9H 9C only

Date set	Tasks (these are available on the technology TEAMS page and will be handed out during the lesson.	Date due
w/c 9 th January	Homework 1 – Food storage, use by dates, best before dates and the 4 Cs. Cross contamination.	w/c 16 th January
w/c 23 rd January	Homework 2 – LITERACY task – food safety in the press. Newspaper article and written task.	w/c 30 th January
w/c 6 th February	Homework 3 – LITERACY task – food advertisements and marketing.	w/c 20 th February
w/c 27 th February	Homework 4 – Menu planning.	w/c 6 th March

1. Catering establishment
2. Consumer
3. Aperitif
4. Amuse bouche
5. Kitchen brigade

Recommended Reading

1. Food Standards Agency – www.food.gov.uk
2. www.thefoodmarketingexperts.co.uk/
3. BBC Bitesize (search 'food safety' - www.bbc.co.uk/bitesize)

Key Vocabulary

Learn these using the suggested activities in your vocabulary books



1. Exploring Food and Nutrition for Key Stage 3 – Yvonne Mackey
2. The Complete Cookbook for Young Chefs: 100+ recipes that You'll Love to Cook and Eat – Americas Test Kitchen
3. Leiths 'How to Cook'

Useful Research Sites



Spring Term 1 – January to February 2023

Year 9O, 9H and 9C only