

# Professional Learner Skills Menu



- Revision clocks
- 2. Revision clock template
- 3. Mind maps
- 4. Flashcards
- 5. Cornell Notes
- 6. Brainscape
- 7. <u>Seneca</u>
- 8. Revision timetables/Pomodoro
- 9. Revision timetables template
- 10. Revision to do list template
- 11. Revision strategies overview (Y7)
- 12. Powerful Presentations
- 13. How do we learn?

- 14. Coaching
- 15. Effective Learning
- 16. <u>Diagnosing and tracking progress</u>
- 17. Independent study habits
- 18. Spaced repetition and retrieval
- 19. Motivation, resilience & mindsets
- 20. <u>Understanding exam papers</u>
- 21. Diagnostic assessment preparation
- 22. <u>Sleeping, Eating, Movement & The Brain for Diagnostic Assessments</u>
- 23. <u>Understanding diagnostic assessment feedback</u>
- 24. The Year 13 Plan
- 25. A level preparation



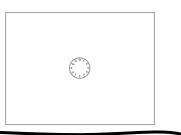
# Revision Clocks



A revision clock is a way of <u>summarising</u> a topic into manageable chunks. It breaks down revision time into pacey, manageable, directed chunks. They are visual and encourages dual coding.

#### Step 1

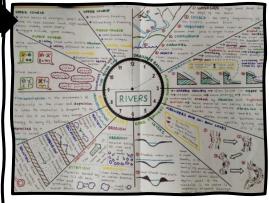
- Take an A3 piece of paper with a clock in the centre or..
- Use a premade template



#### Step 4

- Depending on the number of chunks, spend this amount of time summarising the content into the section.
- You should be...
  - Using dual coding (pictures)
  - Summarising/condensing information
- Using a different colour/highlighting key terms (this could be done at the end)



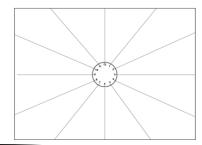


#### WAGOLL (What A Good One Looks Like)

- ✓ Equal sections
- ✓ Breaks down the topic into equal chunks
- ✓ Colourful
- ✓ Key words easily identified
- ✓ Small pictures / dual coding
- ✓ Condensed

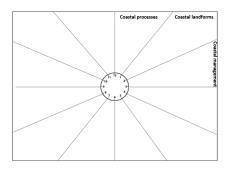


- Decide how many chunks to divide the topic into.
- Maximum 12
- Draw lines to divide up the clock template

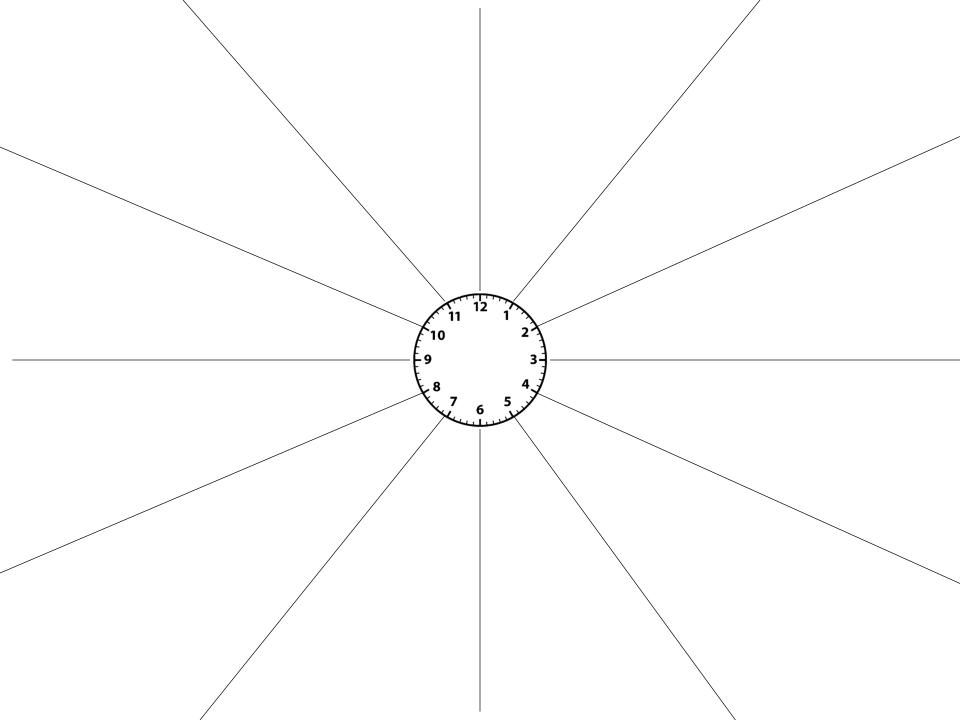


#### Step 3

· Give each chunk of time a title









# Mind Maps



Mind maps were created by Tony Buzan. They are an effective technique of connecting key concepts using lines, images and linkages. A mind map shows the relationship between different ideas and facts, supports learning and improves creative problem solving and information recording.

#### STEP 1: Start from the middle

The centre of the map should be big, inviting and consist of at least 3 to 5 colours. It must be something you want to have a look at. That way it is easier to look back at your notes and your brain will remember it much easier.

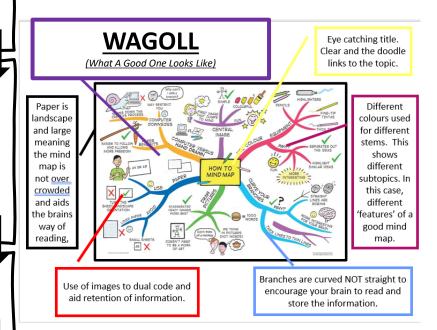
#### STEP 2: Add thoughts to the centre

Adding information to the map - This is done by simply drawing a little line (a branch) from the centre, pulling it outward and writing our image or work on the line. Make sure the line is **under the entire word/image**. Then start to add associated ideas around the word 'home'. From this you will be able to branch out with new concepts.



#### STEP 3: Use images, colour and text

You should use as many images as possible to stimulate your entire brain. Normally you would use words. These stimulate (in the classical teachings) the left side of the brain. The right hemisphere is stimulated by colours and images. You should add these to your mind map to make sure you use your entire brain as much as possible.







# Flash Cards

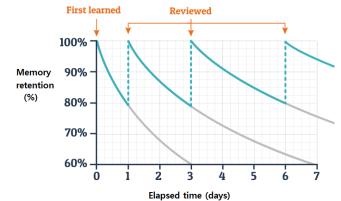


Flashcards encourage you to engage in active recall by having to recall a fact or piece of knowledge which creates stronger neuron connections. They encourage you to engage in metacognition – you have to check your 'correctness'. If used correctly, the build confidence with weaker knowledge.

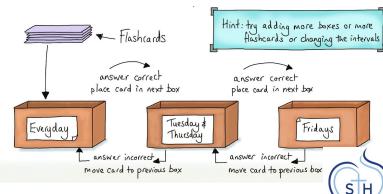
| Feature   | So  | Benefits  |
|---|---|---|
| 1. Use pictures (picture superiority effect)                | People remember pictures more so than words                                       | Helps people remember chunks of info  |
| 2. Use mnemonics  «Richard Of York Gave Battle In Vain»     | Associating information with letters or patterns                                  | Easier to remember<br>Richard Of York Gave Battle<br>In Vein (Red, Orange,<br>Yellowetc)  |
| 3. Illusions of competence  Illusions  Officered Competence | Confusing recognition with recall – these are different. 1 question/fact per card | Too many facts can mean<br>you recall parts but not all –<br>making it hard to assess<br>progress.  |
| 4. Break complex concepts into simple concepts or questions | Focus on one<br>'element' of a<br>topic rather than a<br>huge area                | Breaking topics into smaller parts means you can fully assess whether you know everything. E.g. you might know effects of earthquakes but not the responses |

#### **Effective Use of Flashcards**

FACT: Spaced repetition using flashcards is a scientifically proven way to optimise memory performance



Use the Leitner System to use your flashcards for spaced repetition:





# u Note Taking: Cornell Notes 🕮



Cornell Notes are a system for organising your notes into an effective study guide. They allow you to better utilise and retain information within the notes. The 3 stages of great note taking: 1) write conclusions not facts 2) create questions on the content 3) review your notes afterwards.

Notes

Lesson Title

Cue

Summary

#### **2) Cues:**

- Memory aids that will trigger your recall of your notes.
- Can be done during or immediately after a lesson.
- Could be a key word, phrase or a question.
- Questions force retrieval of what you can remember to consolidate memory.

#### 3) Summary:

- Completed afterwards
- Condense into key ideas

#### 1) Notes:

- Key points and diagrams from the lesson/reading.
- Do not copy verbatim!
- Don't need to be 'pretty'.

#### The 5 R's of note taking

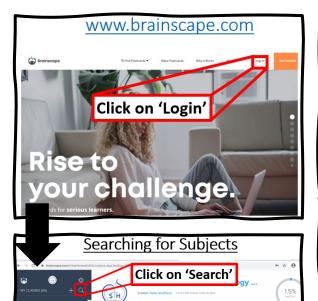
- ✓ Record notes
- ✓ **Reduce** write cues
- **Recite** practise using your cues to recall
- **Reflect** add any further questions to your cues for further research
- **Review** your summary

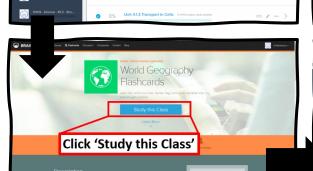


# Brainscape



#### **Getting started ...**





The answer will reveal itself then you must rate how well <u>your</u> remembered it.

1 = Did not know
5 = Perfect and instant recall!



You will now be shown Q&A flashcards. You must try to answer the Q in your head, then click reveal answer (or hit space bar).

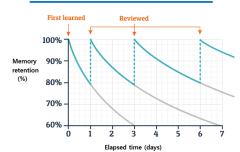




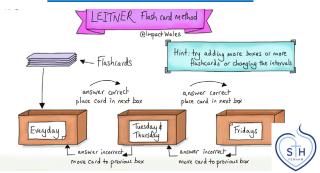
Your overall progress is shown on the left if you click on "Overall". You should study until you have 100% mastery – perfect recall!!



#### The science bit...



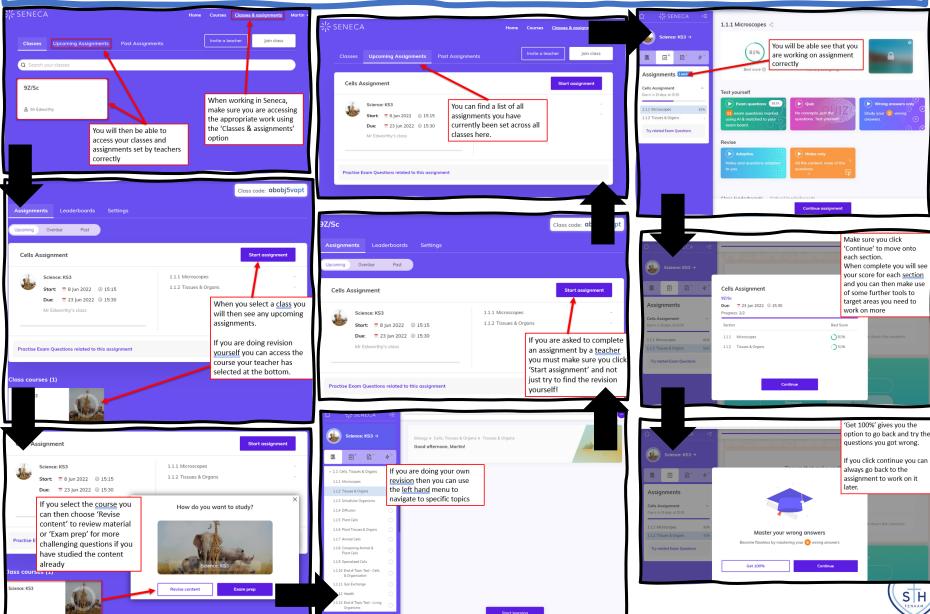
#### How does it work?





# Seneca







# Revision timetables/pomodoro



#### **Common errors with revision timetables:**

- **X** Not sticking to them
- X Including too much
- X Not allowing for flexibility life sometimes cannot be planned
- X Starting too late

#### Benefits of using revision timetables / lists correctly:

- ✓ A revision timetable allows you to cover everything you need in good time for the exam.
- ✓ It will break the topics down into manageable chunks.

#### **How to do your first Pomodoro:** Get into an optimal Take a longer break work space without (30 minutes). distractions. Repeat 3 times. Choose ONE task to focus on. Take a 5-minute Set your timer 25 min working for 25 minutes. 5 min resting STOP when the Do your work. timer ends.

#### LIST OF THINGS TO DO



#### **Options:**

#### 1. Pomodoro List

Use a list system, breaking each study period into 'pomodoro' chunks of tasks.

After 4 tasks, have a short break of 5-10 minutes.

Repeat until complete.

## **2. Pomodoro Timetable** Each header to the left,

MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SAURDAY SUNDAY

WEDNESDAY WEDNESDAY THURSDAY FRIDAY SAURDAY SUNDAY

WEDNESDAY WEDNESDAY THURSDAY TRIDAY SAURDAY SUNDAY

ROMODORO 2 RIPERANTO OF LEPTOR OF L

is a pomodoro time chunk.
Record specific tasks in the box next to each time chunk. Complete as much of the timetable as you can.





# Weekly Study Timetable

FROM: \_\_\_\_\_ TO:\_\_\_\_

| MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY | SUNDAY | Goals |
|--------|---------|-----------|----------|--------|----------|--------|-------|
|        |         |           |          |        |          |        |       |
|        |         |           |          |        |          |        |       |
|        |         |           |          |        |          |        |       |
|        |         |           |          |        |          |        |       |
|        |         |           |          |        |          |        | Test  |
|        |         |           |          |        |          |        |       |
|        |         |           |          |        |          |        |       |
|        |         |           |          |        |          |        |       |
|        |         |           |          |        |          |        |       |
|        |         |           |          |        |          |        |       |
|        |         |           |          |        |          |        |       |
|        |         |           |          |        |          |        |       |

# LIST OF THINGS TO DO

| >          |  |  |                      |  |  |                      |  |  |                      |  |  |
|------------|--|--|----------------------|--|--|----------------------|--|--|----------------------|--|--|
| TASK       |  |  | 15 - 30 MINUTE BREAK |  |  | 15 - 30 MINUTE BREAK |  |  | 15 - 30 MINUTE BREAK |  |  |
| END TIME   |  |  |                      |  |  |                      |  |  |                      |  |  |
| START TIME |  |  |                      |  |  |                      |  |  |                      |  |  |

# Revision Strategies Overview (47)

#### Revision Strategy 1: Mnemonics

Mnemonics assist your memory in remembering long lists of information in a particular order. For example:

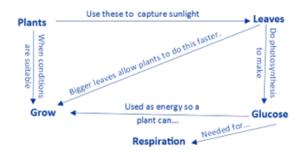


This helps us to remember the order and colours of the rainbow:

Red, Orange, Yellow, Green, Blue, Indigo, Violet.

#### Revision Strategy 2: Concept Mapping

Concept maps encourage you to <u>find connections</u> between ideas and key words. For example:



#### 1.7 GRIT Revision Strategies

#### Revision Strategy 3: Q&A Flashcards

Q&A flashcards force you to <u>retrieve</u> learned information. This assists your recall of facts and builds a pool of knowledge from which you can develop more complex ideas.



#### Revision Strategy 4: Transformation

'A picture paints a thousand words'

Transforming information from one form into another can help you to remember large amounts of information.



The bear is an orange-brown colour. It is holding 17 flowers. There are 2 blue, 6 yellow, 3 pink, 2 orange and 4 purple flowers. The bear is smiling. There are two types of flower. The blue flowers are the biggest etc...



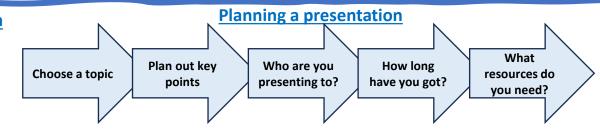


# Powerful Presentations

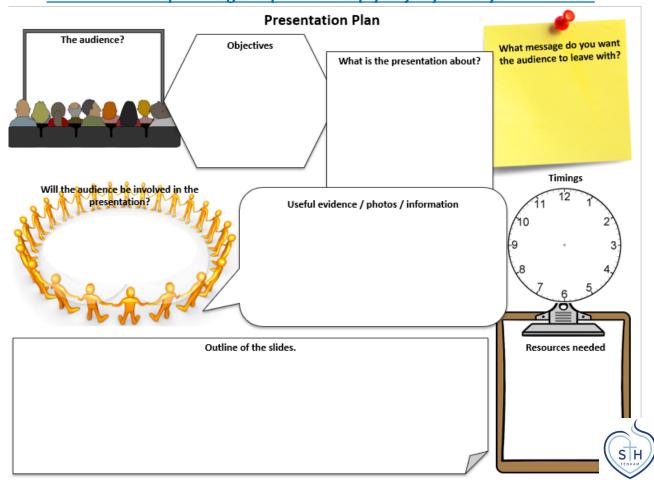


#### Features of a good presentation

| Features of a bad presentation  | Features of a<br>good<br>presentation   |
|---|---|
| <ul> <li>X Too much information on one slide</li> <li>X Boring information</li> <li>X Too many bullet points</li> <li>X Busy charts</li> <li>X Confusing information / charts</li> <li>X Clipart</li> <li>X No point to the presentation</li> <li>X Reading from the slides/paper</li> <li>X Poor body language</li> <li>X Unenthusiastic presenter</li> <li>X PowerPoint?</li> </ul> | <ul> <li>✓ Planning out the points of the presentation first</li> <li>✓ Useful / important information</li> <li>✓ Use of props/aids</li> <li>✓ Less on the slides</li> <li>✓ Memorable information on slides</li> <li>✓ Prepared prompts to remind presenter of key points</li> <li>✓ Enthusiasm</li> <li>✓ Positive, confident body language</li> <li>✓ Not using PowerPoint?</li> </ul> |



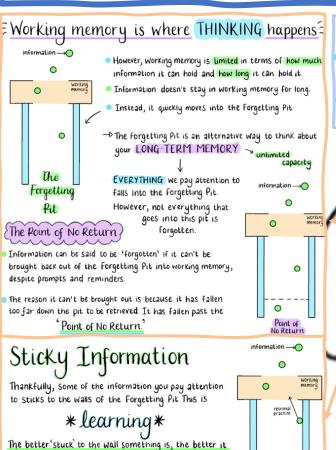
#### Use a 5-minute planning template to help you jot your key ideas down:





# How do we learn?







How easily retrieved information is depends on how far down the pit it has gone. The further down the pit something is, the more difficult it is to retrieve.

With a few exceptions, everything we have learned

What this means is that we can learn something well ~it can stick tightly to the walls ~ but over time, because it is sliding down, it is less easy to retrieve Paying attention 3 thinking

Short

term

memory

Long

term

memory

What makes information sticky?

it, it doesn't get a sticky coating!

the stickier the coating becomes!

time, the coating gets stickier and stickier

Information sticks to the walls of the Forgetting Pit because

information in working memory. If you don't think about

into your working memory. Every time you do this,

of the sticky COATING it is given in working memory.

This sticky coating is added when you THINK about

You learn by paying attention to information and THINKING about it.

When you pay attention to information, it enters your working memory

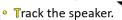
'Encoding'

(Passive)

#### information $\rightarrow$ 0

#### **STAR Listening**

Sit up straight.



Ask and answer questions.

Respect those around you.

#### Retrieval Practice

The act of recalling learned information from the Forgetting Pit (with little or no support) and every time that information is retrieved, or an answer is generated, it changes the original memory to make it STICKIER!





#### Strategies

#### Brain Dump

Recall and 'dump' everything you can remember about a topic from memory

Organise/categorise your brain dump use your knowledge organiser or revision quide to check if you've missed any key bits of information



your knowledge organiser or revision guide. Cover it up. Now write down what you can remember.

Topic Summary

Read a section from



Check your notes against your knowledge organiser or revision guide. Use a purple pen to correct/add notes.

Look-cover-write-check



#### Self-quiz

or add notes.

Choose a section from your knowledge organiser or revision guide. Create some questions to test your knowledge

From memory, answer the

questions. Once completed,

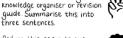
use a purple pen to correct



**⊕**•

quide Summarise this into three sentences.

Choose a section from your

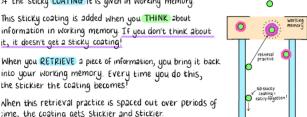


Reduce this again to one



Learning = a change in long-term memory

if nothing has changed nothing has been learned?



information ->

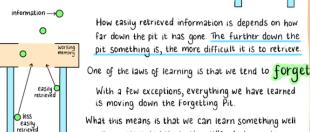
Experience

A memory is not a

memory until you

remember it







# 🗽 Coaching (decision making)



Reflect on the option you chose and also what might have happened if you chose the other options.

Only you can decide what is right for you! What is your decisions

Do you who from?

- **Teachers**
- 2. Peers
- Peer supporter
- Study ambassadors at study club.
- Family

- Are there any other lessons that will help me here?
- Is there another subject / skill / strategy I could use?

Atterwards: do you think you made Why?

What choices do you have ?

who choices? For all involved?

Problem reparation for a subject sheet from your teacher and vour exercise book is mostly up to date. You missed some lessons due to absence.

need to learn about you Seed to learn about to Lou

Finoiseusis and Work

- Ask for help from a teacher
- Go to study club
- 3. Ask a friend for help / copy their work.
  - Teacher will provide specific help
  - Study club helps me be disciplined & I can get support
  - I might not understand the work / it might be incorrect.
  - What is important to you?
  - What result do you want to see at the end?
- What values do you need to consider, 1. You might feel anxious about making mistakes
  - 2. You might feel overwhelmed about getting the work complete
  - 3. You might feel disorganised
  - You might feel positive about getting organised



# Effective Learning



Setting SMART targets are an effective way to organise your learning and achieve your goals. This table works with planning a pomodoro revision timetable / to do list as it helps you think about what you need to achieve and how. See example below..

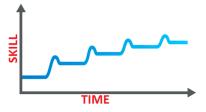
|            |  | -  |
|------------|--|--|
| Specific   | What is your specific goal? Which subject, which topic? How often? Which | I would like to revise the subject of  I struggle the most with the topic  I would like to revise this topic by using the revision strategy of |
|            | revision strategy?   | I would like to revise this every  |
| Measurable | How much revision will you do by when? What will success look like?      | I would like to have revised (how much of a topic/subject?)  I will have produced (which revision strategy? Mindmaps etc?)                     |
| 2 3        | Success fook like:   | I will revise this every (how regularly?)  |
| Attainable | Are you able to achieve your goal?                                       | My goal is achievable because I (What do you have that helps you achieve this goal? What is going to help you? Any subject resources?)         |
| Realistic  | Is your goal<br>manageable in the<br>time frame?                         | I will be able to complete this in the time frame because  |
| Timely     | When do you want to achieve this by?                                     | I will achieve this by (date/time?)  |



# Diagnosing & Tracking Progress



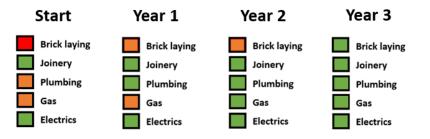
During your time at Sacred Heart your <u>job</u> is to master you subjects to the very best of your ability.



Completing RAG reviews of your current knowledge, understanding and skills in a particular area helps you to focus your efforts on areas for improvement (to achieve mastery).

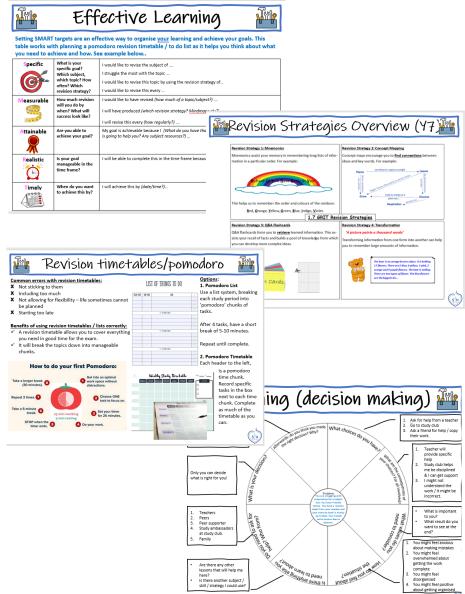


Over the next few years, Mark practised his trade. He tracked his progress over time:



You would do a RAG for your subject skills list or Learning Journey

Strategies to help you improve in areas of weakness:

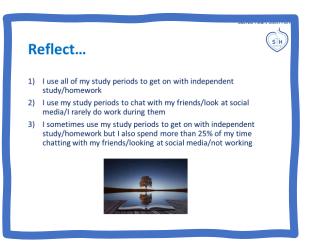


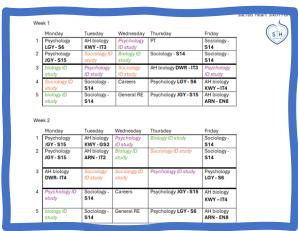


# Independent Study Habits







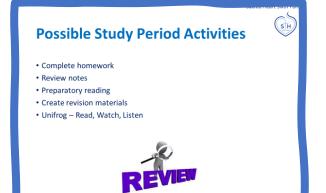


Are you taking control of your own learning?

Are you utilising your time effectively?

What can you change to improve your learning experiences in Sixth Form?

Do you need to ask staff for help with this?



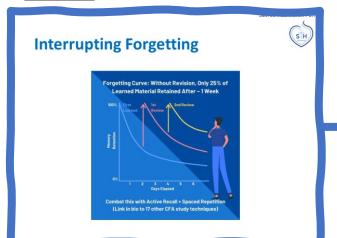
# Good Study Habits 1) Plan when you're going to study 2) Each study time should have a specific goal 3) Never procrastinate your planned study session 4) Find a good place to study 5) Make sure you're not distracted while you're studying 6) Reward yourself





# Spaced Repetition and Retrieval Aller

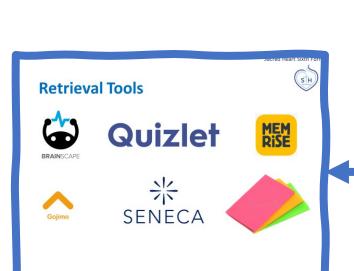




Are you reviewing learning at set intervals to check how much you can remember?

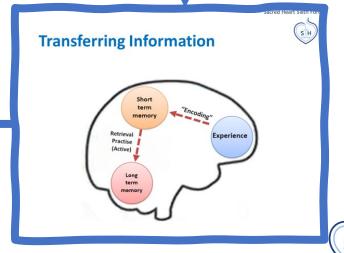
Are there any areas that you are still forgetting? WHY is this? WHAT can vou do about this?

Is the retrieval tool that you are using appropriate for your subject? Do you need to consider alternatives?





Perfect





# Motivation, Resilience and Mindsets



Level 3 qualifications are **HARD**. You need to think about what your **MOTIVATION** is to achieve in your subjects. You must find your **WHY**, and make sure that it is powerful enough to encourage you to be **BETTER**. You will have to be **RESILIENT** in your Sixth Form journey. You will face **DIFFCULTIES** and **CHALLENGES** as you navigate through your courses. How will you **WITHSTAND** these adversities and **BOUNCE BACK**? Some of this is to do with your **MINDSET**. Are you concerned with **SHOWING OTHERS** that you are "**SMART**"? Or are you more concerned with **GETTING** 

"SMARTER"?

Are you able to answer these questions?

Do you know yourself well?

Are you able to use these ideas to help push yourself in your Sixth Form journey?

Does your motivation come from within you? Is it about feeling successful or being challenged?

reward
yourself for
being a "good
learner"?

Where does your motivation come from?

Does your motivation come from external sources? Is it praise from others?

Are you able to continue when things get difficult?

Do you accept new challenges?

Have you stopped comparing yourself to others?

Do you embrace mistakes? Do you confront problems and work hard to overcome them?





# Understanding Exam Papers



If you do not understand **HOW** you are going to be assessed in your Level 3 qualifications, you are not going to be able to achieve your best, no matter how much content you know!

The second step of effective revision is the **APPLICATION** of your knowledge to exam materials, whilst using your own notes, the mark schemes, examiner reports etc. But this only works if you know **WHAT** is required by the exam board.

Are you able to answer these questions for any chosen subject?

If not, where can you find this information?

Do you have a guidance for written work booklet?

Is there information in the specification?

Do you need to ask a subject teacher for further clarification? Do you know if there are a choice of questions?

Do you know how many questions there are?

Do you know how long they are?

How much do you know about your exams?



Do you know the weighting of each assessment objective per question? Do you know what the assessment objectives are for each question?

Do you answer the questions chronologically or is there a better approach?





# Diagnostic Assessment Preparation



# Step 1: Understanding the Content

Do you know the material?
Have you identified gaps in
your knowledge? How are you
going to close those gaps? If
someone was to quiz you on
the information, could you
answer the questions even if
they were "obscure"? Have
you got strategies to commit
information to memory?

#### Revision

- There are three stages to effective revision:
- 1) Understanding the content
- 2) Applying the content to exam questions without exam conditions
- 3) Answering questions in exam conditions
- · Where are you in this process?



# Step 2: Applying the Content to Exam Questions

Do you understand the exam papers? Do you know where you can find them? Are you using mark schemes to check your knowledge and understanding? What skills do you have to learn to use the mark schemes properly? Have you checked with subject teachers for mark schemes that vou don't understand? What about the areas of the specification that have not been assessed in exam questions – how are you going to apply that knowledge? What about the examiner reports? What are common areas or questions that students have previously not performed well on?

#### **Step 3: Exam Conditions**

How many minutes do you get per mark? Can you recall the relevant content for the questions? How much can you write during that time? Are you reading all the questions from the paper before answering anything? Are you reading the questions in each section first? What about time to proofread answers?







# Sleeping, Eating, Movement and The Brain for Stagnostic Assessments



#### **Sleeping**

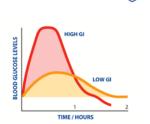
- Memory consolidation happens when you sleep!
- · Make sure that you get enough SLEEP.
- · Go to bed and wake up at the same time.
- · Aim for 8 hours of sleep.
- Try to avoid caffeine after 6pm as it disrupts your sleep cycle.
- Blue light from screens also disrupts the quality of your sleep.

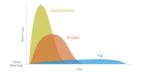


#### **Eating**

Sacred Heart Sixth For

- You want to avoid having "spikes" in your blood glucose because it causes energy levels to crash.
- This is not helpful for revision or exam performance!
- Complex carbohydrates keep your energy levels stable throughout the day.
- Sugary foods cause a sharp "spike" in blood glucose, followed by a sharp "crash".
- Protein rich foods can provide energy without spiking your blood sugar too much.





Are you creating the best environment for your brain to enhance your performance?

Be kind to yourself!!

#### Movement

- Exercise relieves anxiety and stress Stress slows down the brain's ability to process information, making it more difficult for us to concentrate and focus.
- Exercise improves memory retention Endorphins are released during movement which has been shown to improve memory and boost your brain-building hormones.
- Exercise increases focus and concentration Regular exercise releases brain chemicals key for memory, concentration, and mental sharpness.
- Exercise boosts your energy The more you move, the more energized you will feel. Regular physical activity improves your muscle strength and brain power, giving you the energy you need to think clearer and produce new ideas.







### Inderstanding Diagnostic Assessment Feedback

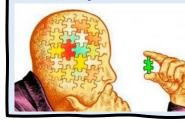


#### **Diagnostic Assessments**

- · Some of you will have been happy with your assessment results.
- Others of you will not.
- You might have had mixed feelings about the results.
- . The important thing is to DO SOMETHING about it!



the puzzle?





#### **Do Something About It!**

- Ask questions about anything that you do not understand.
- . See if a friend can explain something to you.
- We can only help you, if you are able to help yourself.
- Have you thought about:
  - · Attending any additional sessions offered?
  - · Staying back at the end of a lesson?
- Subject staff have a wealth of knowledge make sure that you use it!



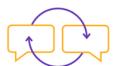
#### What is the missing piece of







- Feedback is about making sure that you understand your performance.
  - · Do you know what your strengths are?
  - · Do you know what your next steps are?
  - · Do you know how you can improve?
- Feedback comes in all shapes and sizes.
- Verbal
- Written
- · Model answers
- · Advice about previous exams
- · Report data
- The key thing is do you understand it!?!







- You did not revise and prepare effectively for the assessment.
- You have not been spending enough time doing the independent reading, note taking and practice questions – 4.5 hours per week per
- You have not been keeping up with your class work.
- You did not read the questions carefully.
- · You do not understand the exam structure.





#### The Year 13 Plan



You are now more than **HALFWAY** through your Sixth Form experience. Before **MOVING FORWARD** in your journey, it is important to think about where you **HAVE BEEN** as this can **DIRECT** where you **ARE GOING**. Take the time to **REFLECT** on your Year 12 experiences. In August of next year, will you feel like you **GAVE IT YOUR ALL?** 

Here are some things to CONSIDER...

Study in a good environment – make sure that you can work during independent study and that you are not going to get distracted.

Stay organised —
it's not just your
Level 3
qualifications to
consider, but
next step
applications too.

Refine your habits – what went well and what could be adapted to make Year 13 even better? Create a routine

- develop a

healthy and

realistic

structure that

you can follow!

Practice –
review the
material covered
in Year 12 and
use past papers
to help you
apply your
knowledge.

Eat well,
exercise and
sleep enough –
your physical
body must be in
the best
possible shape
to help your
mind work
effectively!









# A-Level Exam Preparation



#### **Revision**



- . There are three stages to effective revision:
- Understanding the content
- 2) Applying the content to exam questions without exam conditions
- 3) Answering questions in exam conditions
- · Where are you in this process?



Where are you in your preparation for A-Level exams?

Is your revision F.L.A.T?

Have you organised your study and exam timetable for May and June?

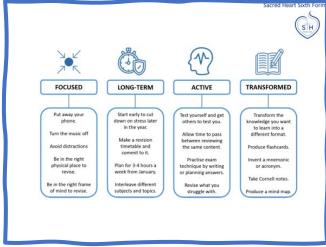
Do you need to take time off paid work?

Are your friends and family aware of your commitments?

**Last Minute Tips** 

- Do not panic
- 2) Same old, same old...
- 3) Get up early and get going
- Ask those around you for help
- Review summaries, rather than full notes
- Turn off the technology
- Avoid stress—including in other people
- Consider taking a longer break: the whole evening off
- 9) Get everything ready for the morning
- 10) Think positively





#### "In The Trenches" Tips

- Eat well
- · Get plenty of sleep
- Exercise
- A "treat" a day
- · "This too shall pass..."



