Radio	Song	Afternoon
Station	Listener	Evening
Frequency	Morning	Artist
News	Today	Group
Sport	Yesterday	Traffic
Music	Time	Report
Album	Popular	Number
Weather	Listening	Competition
Love	Sound	Band
Record	Session	Musician
Road	Capital	Year

awareness drive aspiration purpose trust

Craigmount High School

aim high · adapt · succeed

Parent & Carer S4 -6

Study Skills Event

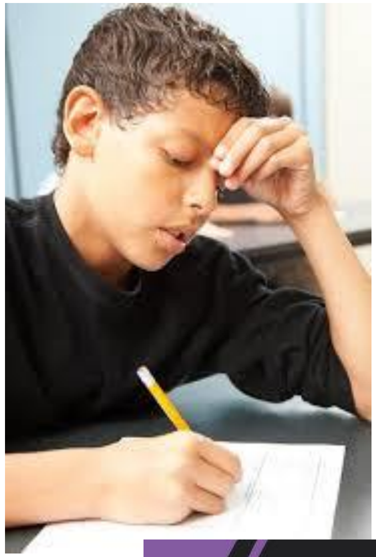
awareness drive aspiration purpose trust

Aims

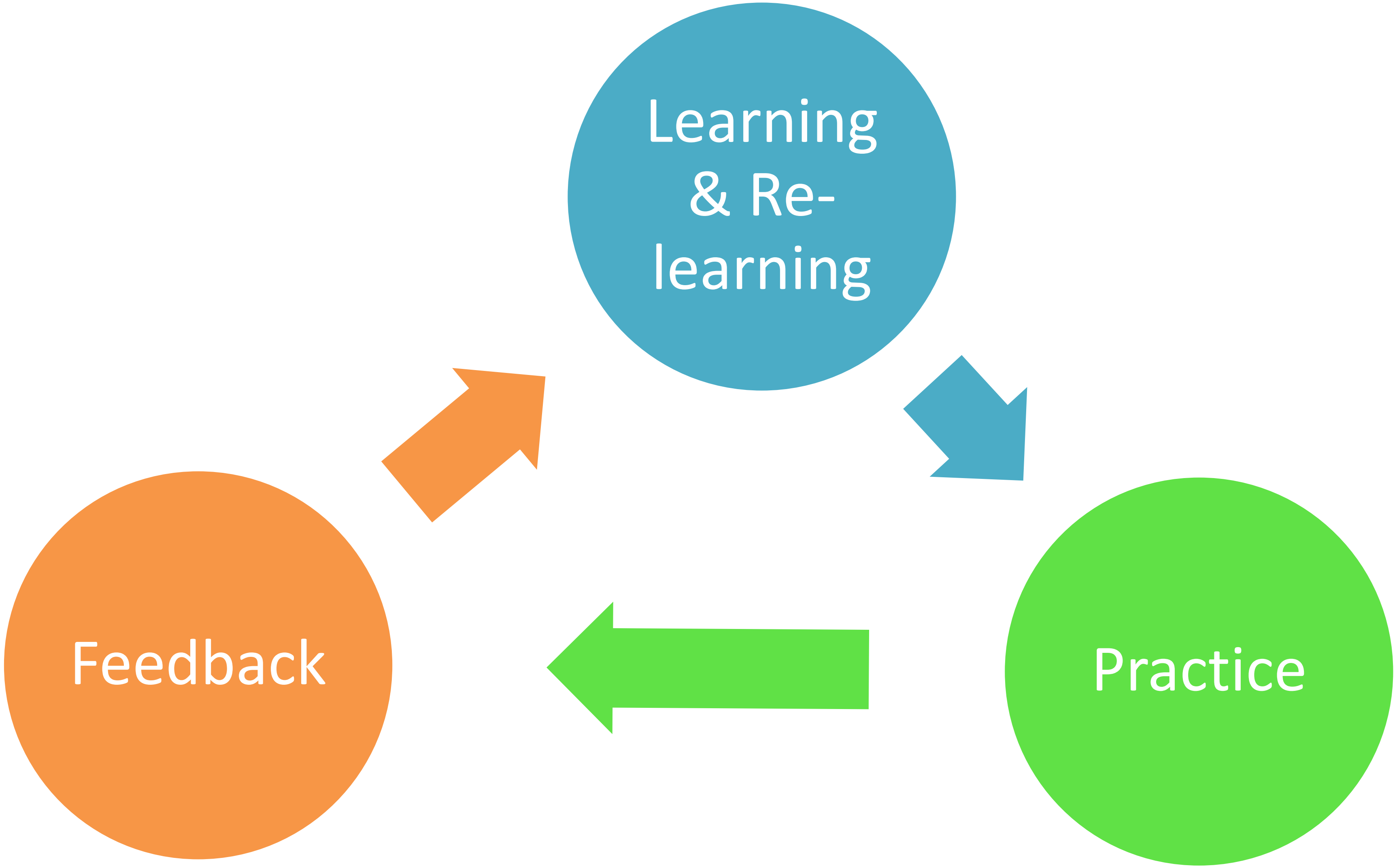
- To understand the key principles of learning, revision, practice and feedback.
- To understand and try at least 3 practical revision strategies to support learning.
- Introduction to Artificial Intelligence (AI) in revision
- Issue handbook with 6 strategies to try

What does 'good' revision look like?

- Copying out notes?
- Highlighting notes?
- Working for 4 hours straight?
- Doing past papers continuously?
- Going to Study Support class (and being passive)



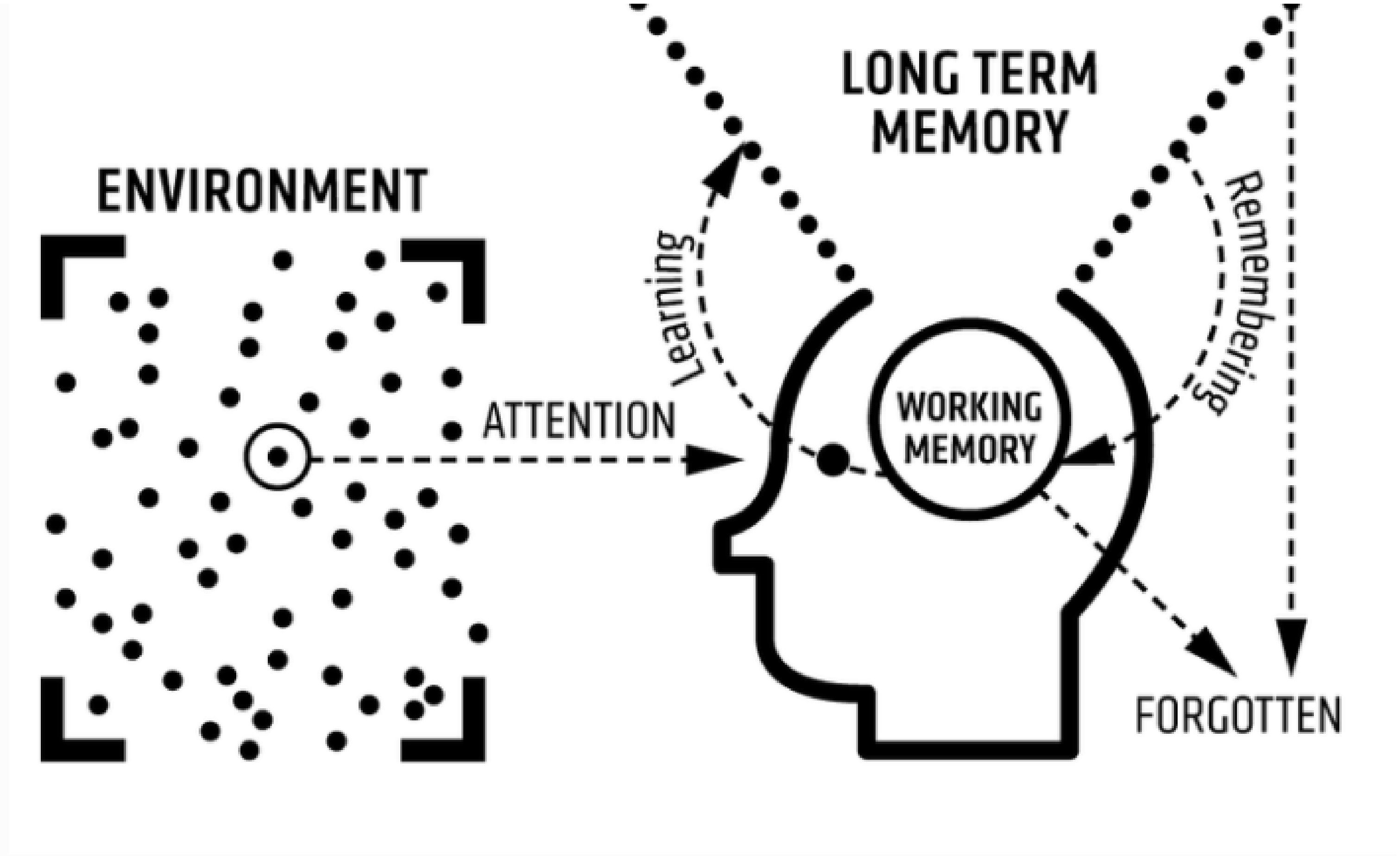
awareness drive aspiration purpose trust



awareness drive aspiration purpose trust

What is Learning?

How do we learn?



Learning at Craigmount

Activates

Shared Purpose

Starter

Prior Learning

Builds

Explain and Model

Guide and Support

Engage and Challenge

Consolidates

Evaluate Progress

Next Steps

Revisit and Review

Positive Relationships

Digital Learning

Effective Questioning

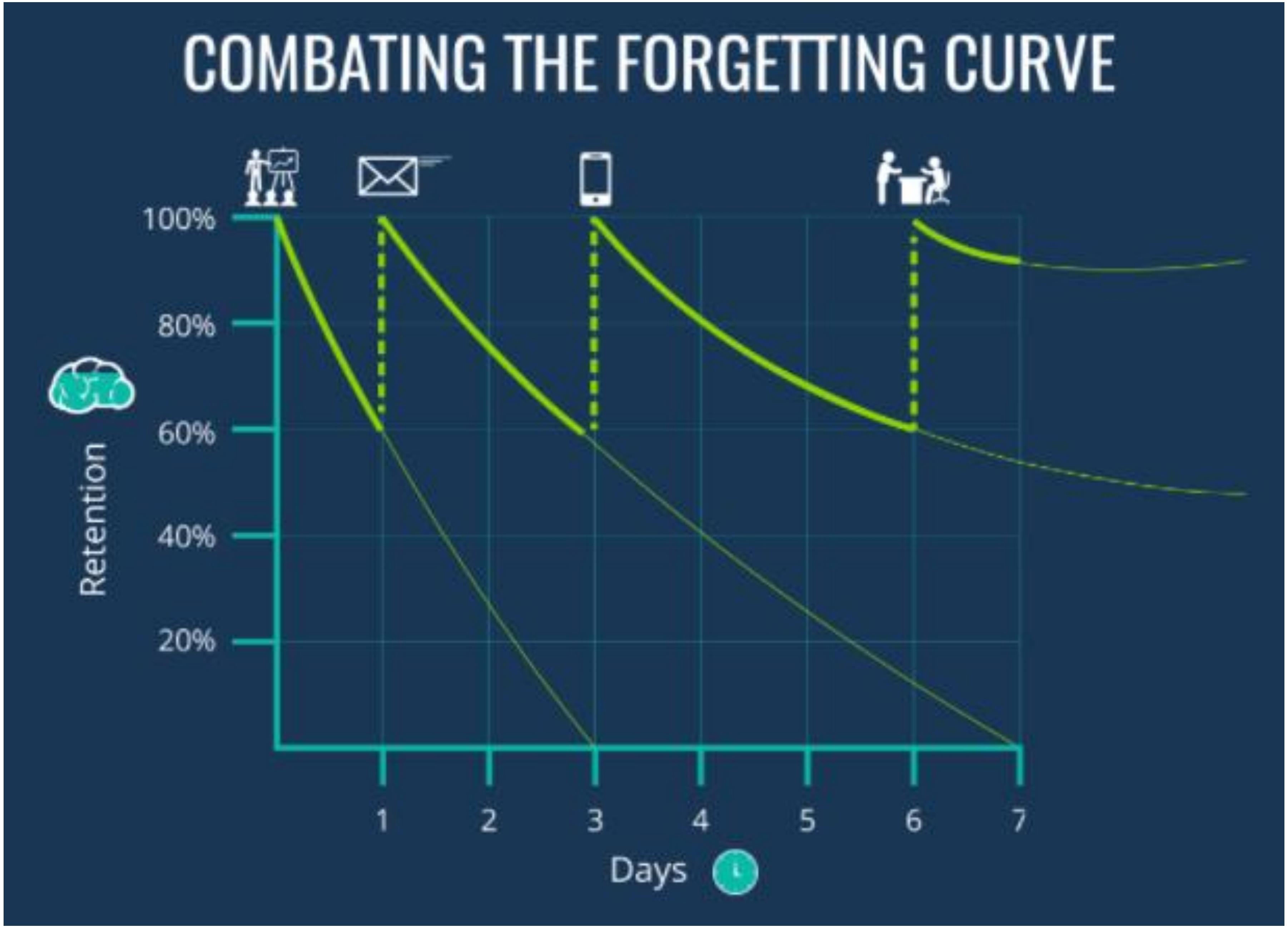
Quality Feedback

Skills Development

Leadership of Learning

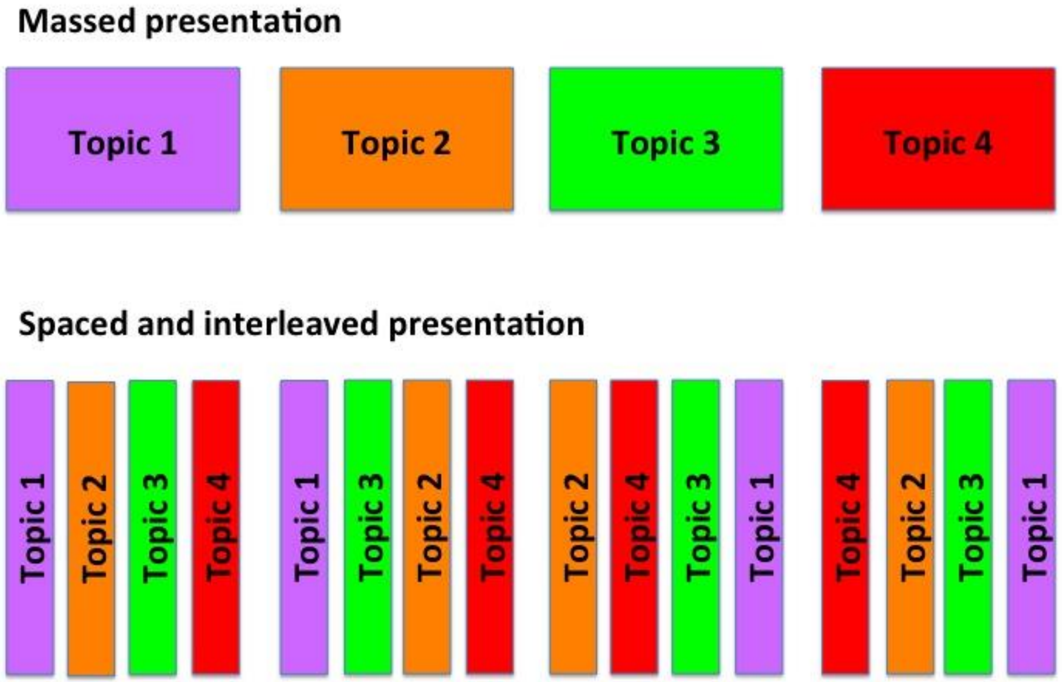
Metacognition

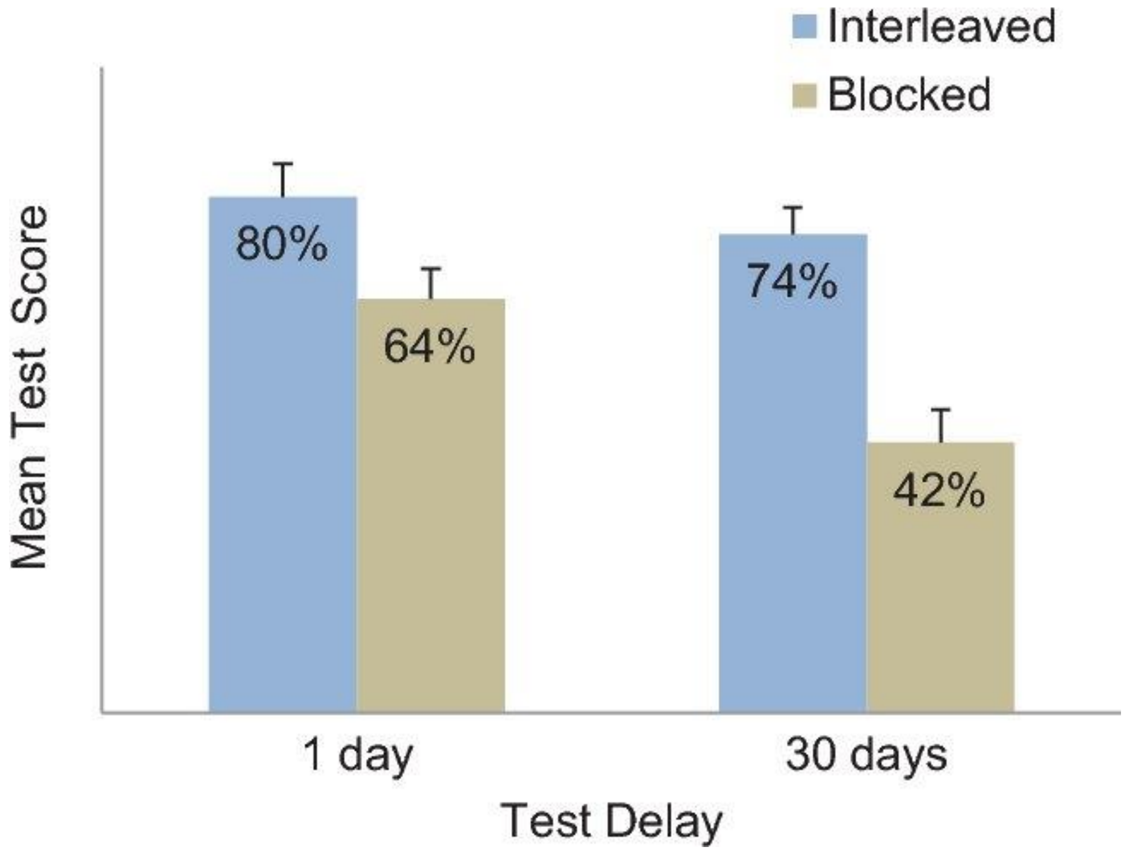

THE FORGETTING CURVE
100%
80%
60%
40%
20%
Retention
1
2
3
4
5
6
7
Days


COMBATING THE FORGETTING CURVE
100%
80%
60%
40%
20%
Retention
1
2
3
4
5
6
7
Days

Massed presentation

Topic 1 | Topic 2 | Topic 3 | Topic 4


Massed presentation
Topic 1
Topic 2
Topic 3
Topic 4
Spaced and interleaved presentation
Topic 1
Topic 2
Topic 3
Topic 4
Topic 1
Topic 3
Topic 2
Topic 4
Topic 2
Topic 4
Topic 3
Topic 1
Topic 4
Topic 2
Topic 3
Topic 1


Interleaved
Blocked
Mean Test Score
80%
64%
74%
42%
1 day
30 days
Test Delay

Who was Head of the Cheka in 1917?	Explain the term bourgeoisie.	Who was Anatoly Lunacharsky?	List four different enemies of the Cheka.
Describe Khrushchev's attitude towards religion.	Explain the term 'Proletkult'.	List three aims of the NEP.	What was the October 1917 Decree on Land?
Explain the term 'show trial'.	Who was Patriarch Tikhon?	What were the aims of agitprop?	Describe one strength and one weakness of War Communism.

Last lesson (1)

Last week (2)

Two weeks ago (3)

Further back! (4)

TIME/DAY	4 pm – 5 pm	5 pm – 6 pm	6 pm – 7 pm	7 pm – 8 pm	8 pm – 9 pm	9 pm – 10 pm
Monday						
Tuesday						
Wednesday						
Thursday						
Friday						
TIME/DAY	**9 am – 10 am**	**10 am – 11 am**	**11 am – 12 am**	**12 – 1 pm**	**1 pm – 2 pm**	**2 pm – 3 pm**
Saturday						
Sunday						
TIME/DAY	**3 pm – 4 pm**	**4 pm – 5 pm**	**5 pm – 6 pm**	**6 pm – 7 pm**	**7 pm – 8 pm**	**8 pm – 9 pm**
Saturday						
Sunday						

The Pomodoro Technique

Select a single task to focus on

Set a timer and work continuously for 25 minutes

Take a productive 5 minute break

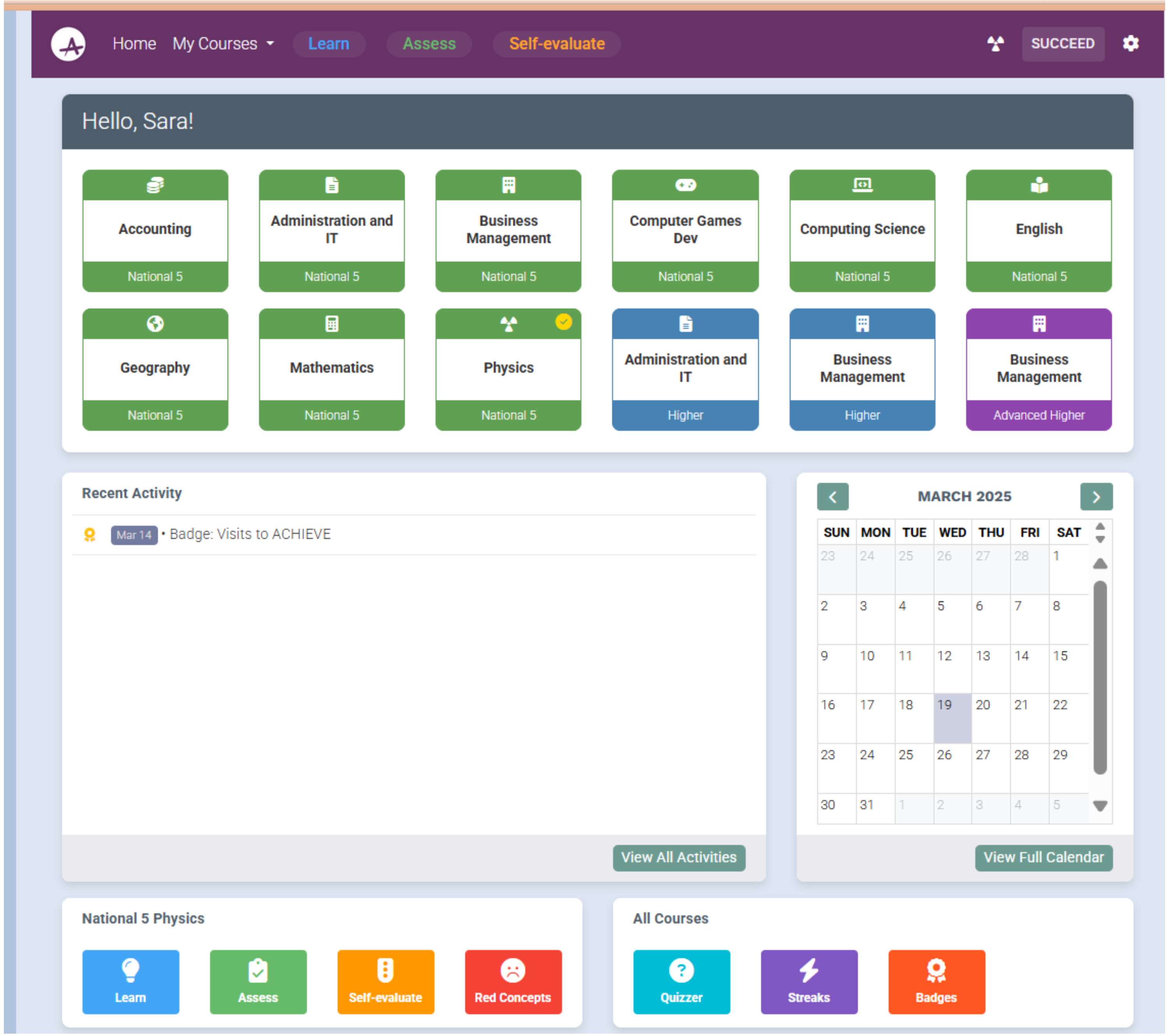
Repeat for 4 rounds

Take a longer break for 30 minutes and repeat

So...what does good revision actually look like?

- Activities to check what you already know
- Activities to learn unsecure and unfamiliar content
- Planning and interleaving learning
- Purposeful sessions- quality activities over quantity of time.
- Activities to test content
- Getting feedback to improve.

AI in Revision



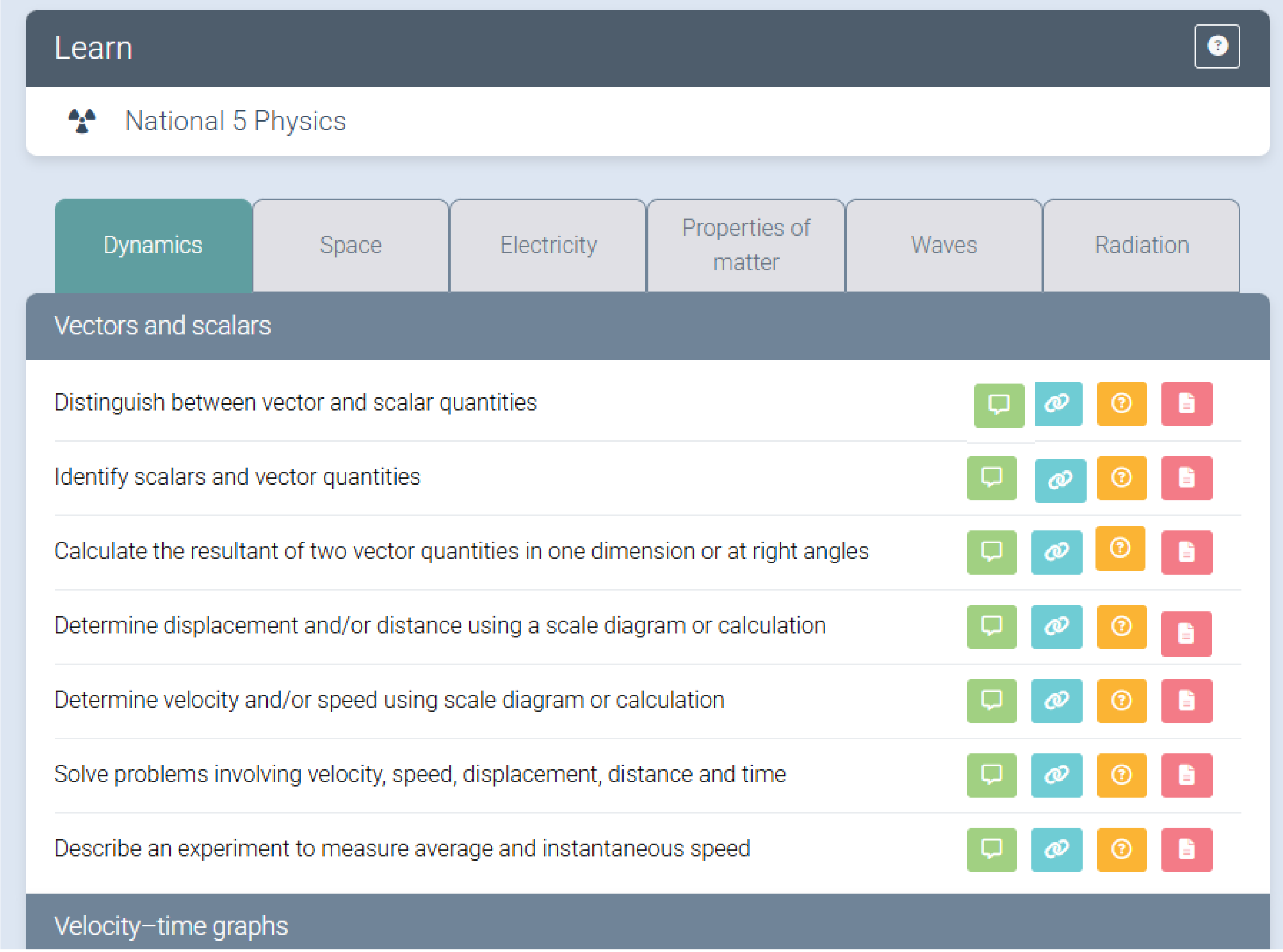
Copilot

NotebookLM

Gemini

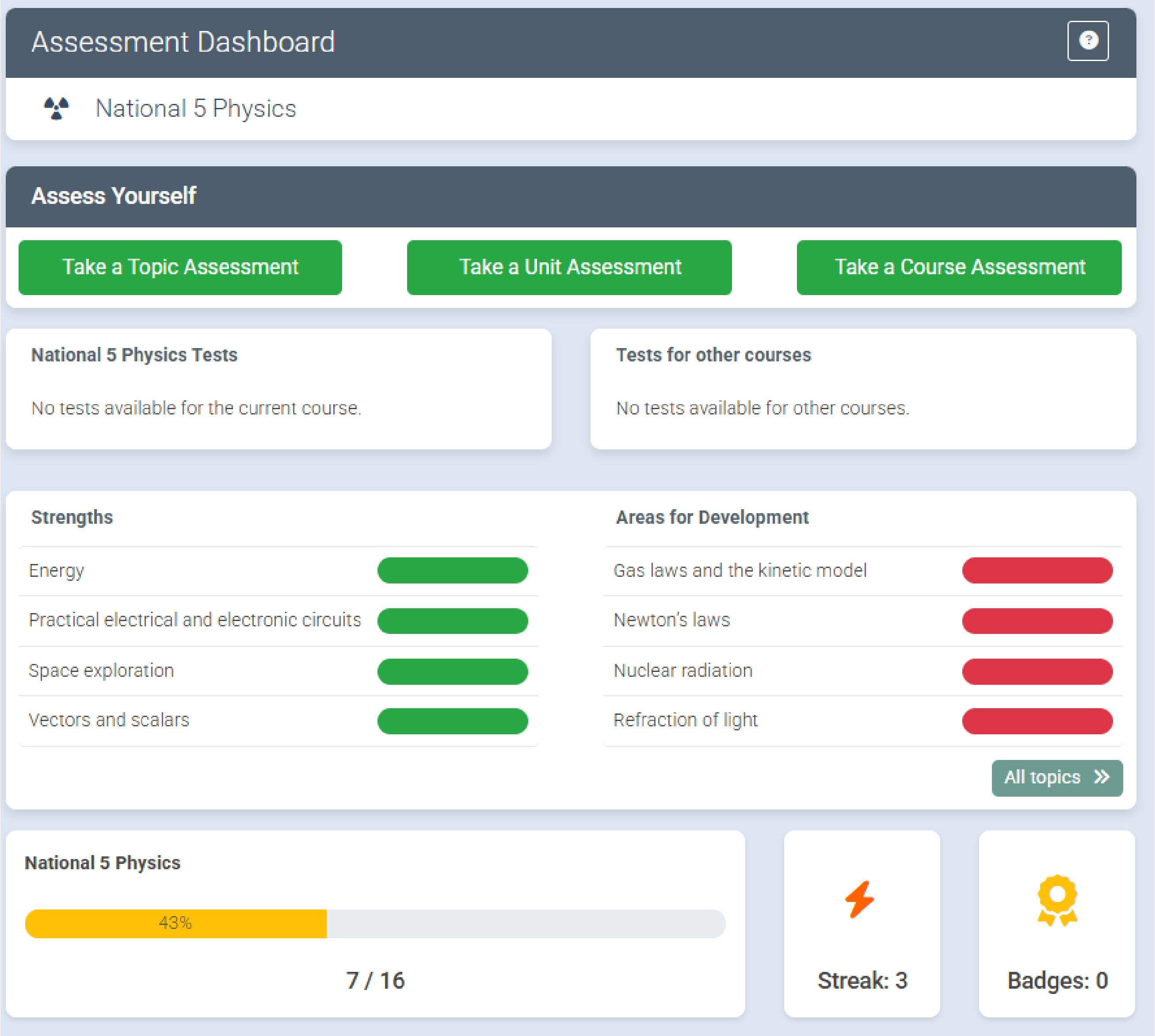
Learn Section

- Notes
- Links
- Short response questions with answers
- Past paper questions and marking instructions



Assess Section

- Multiple choice questions, per topic, unit or full course
- Identifies areas to review
- Dashboard shows a summary of progress



2023 Section 2 (Extended Questions)

Question 4 Solution

4. A space scientist makes the following statement.

'Before we can have human space exploration of the solar system and beyond, we need to build a base on the Moon.'

Using your knowledge of physics, comment on the benefits and/or challenges of using a base on the Moon from which humans could explore the solar system and beyond. **3**

Exam question

Marking instructions

Question			Expected response	Max mark	Additional guidance
4.			**Award 3 marks** where the candidate has demonstrated a good understanding of the physics involved. They show a good comprehension of the physics of the situation and provide a logically correct answer to the question posed. This type of response might include a statement of the principles involved, a relationship or an equation, and the application of these to respond to the problem. The answer does not need to be 'excellent' or 'complete' for the candidate to gain full marks. **Award 2 marks** where the candidate has demonstrated a reasonable understanding of the physics involved. They make some statement(s) that are relevant to the situation, showing that they have understood the problem. **Award 1 mark** where the candidate has demonstrated a limited understanding of the physics involved. They make some statement(s) that are relevant to the situation, showing that they have understood at least a little of the physics within the problem. **Award 0 marks** where the candidate has not demonstrated an understanding of the physics involved. There is no evidence that they have recognised the area of physics involved, or they have not given any statement of a relevant physics principle. Award this mark also if the candidate merely restates the physics given in the question.	**3**	Candidates may use a variety of physics arguments to answer this question. Award marks based on candidates demonstrating overall good, reasonable, limited, or no understanding.

AI for Learning

- Reviewing answers
- Marking answers
- Offer improvements
- Highlighting keywords
- Explaining command words

Top Tips

- Be specific eg SQA Higher Physics question
- Fine tune response to get different improve feedback:

NotebookLM

Gemini

Copilot

please indicate where a mark has been awarded

please rewrite my answer with your suggested improvements putting the improvements in bold

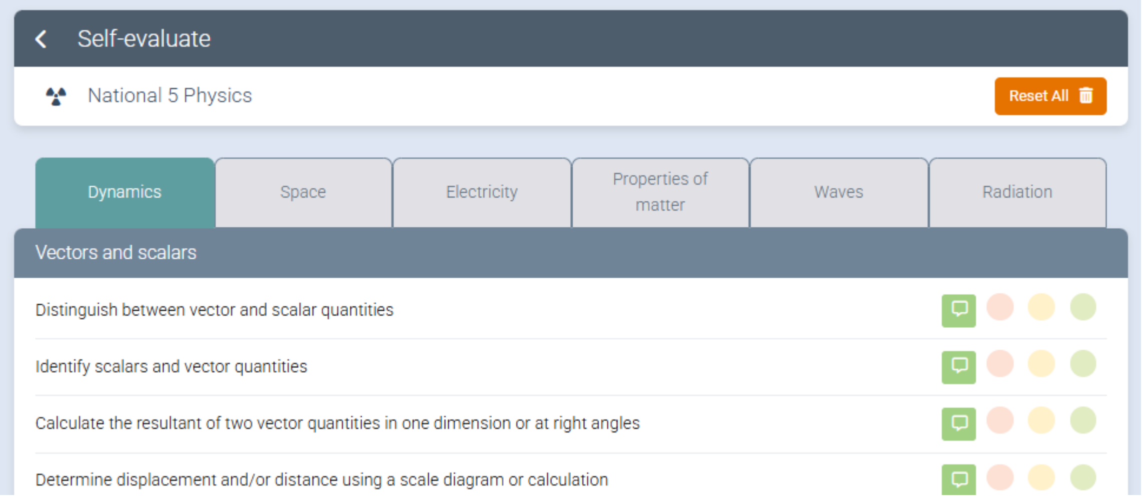
please explain how to answer questions in Higher Business Management that use the EXPLAIN command word

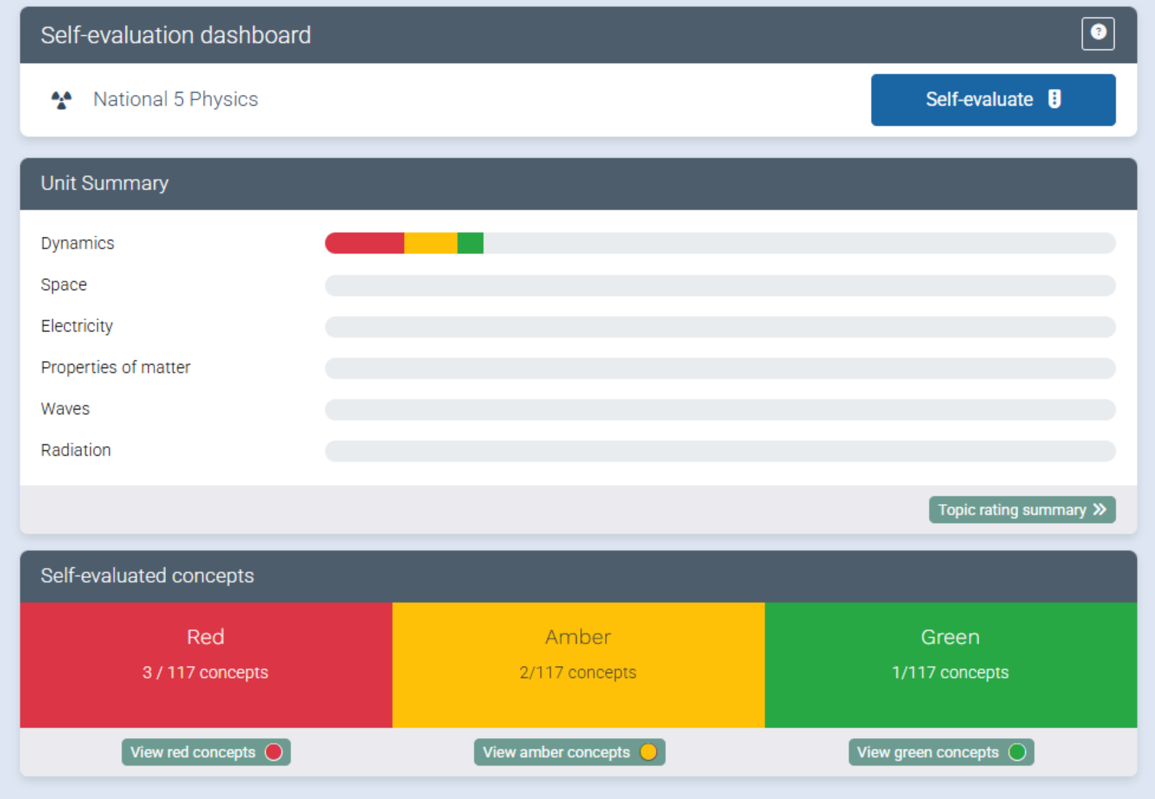
please highlight key vocabulary

that answer is too long for 5 marks, please rewrite

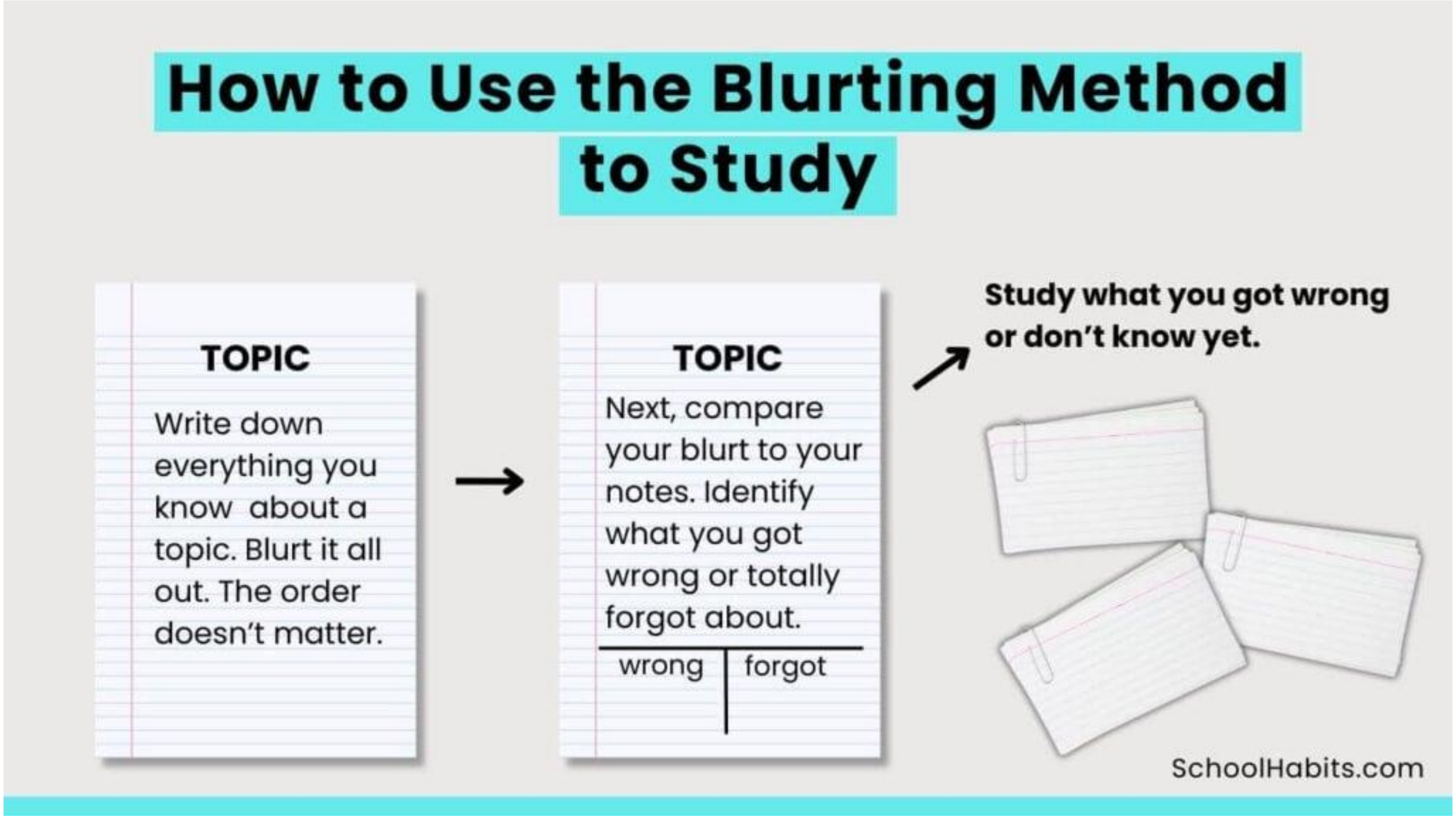
Self Evaluate Section

- Reminder of content
- Traffic lights per statement
- Dashboard

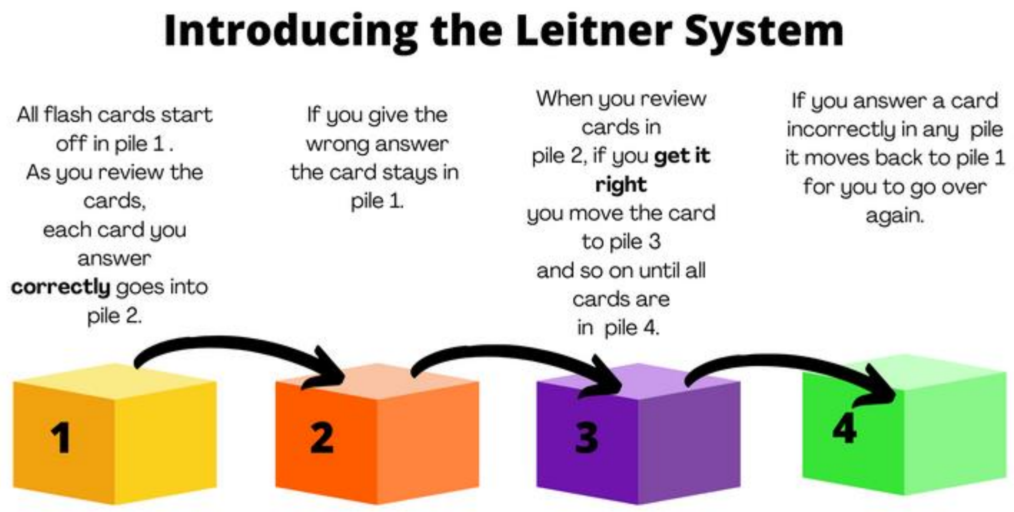


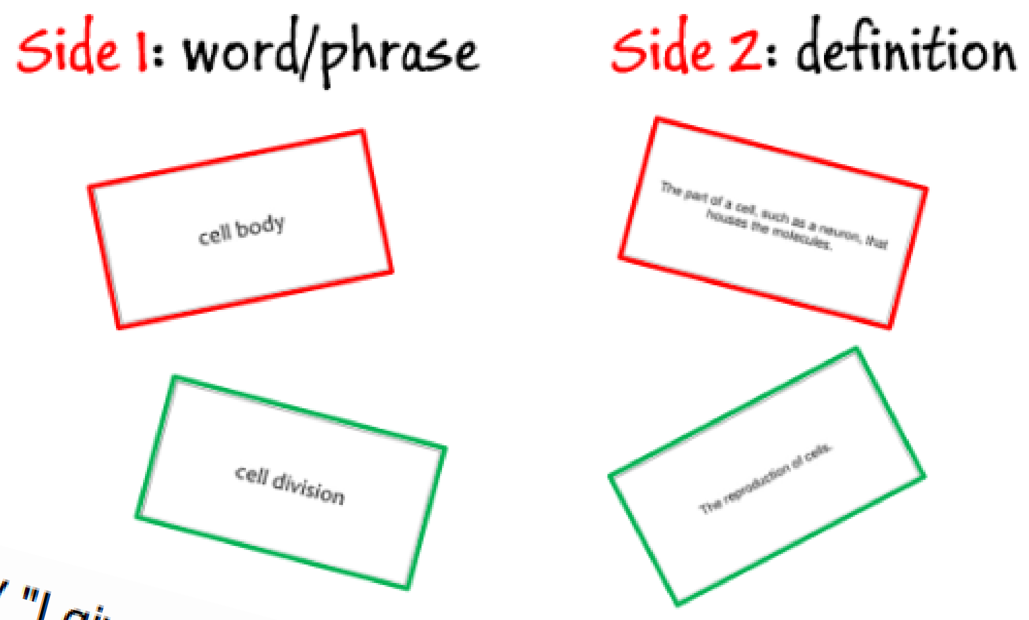


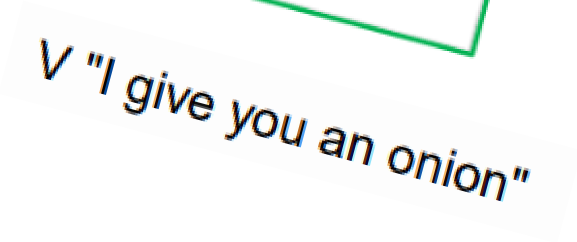
Activity 1


How to Use the Blurting Method to Study
TOPIC
Write down everything you know about a topic. Blurt it all out. The order doesn't matter.
TOPIC
Next, compare your blurt to your notes. Identify what you got wrong or totally forgot about.
wrong
forgot
Study what you got wrong or don't know yet.
SchoolHabits.com

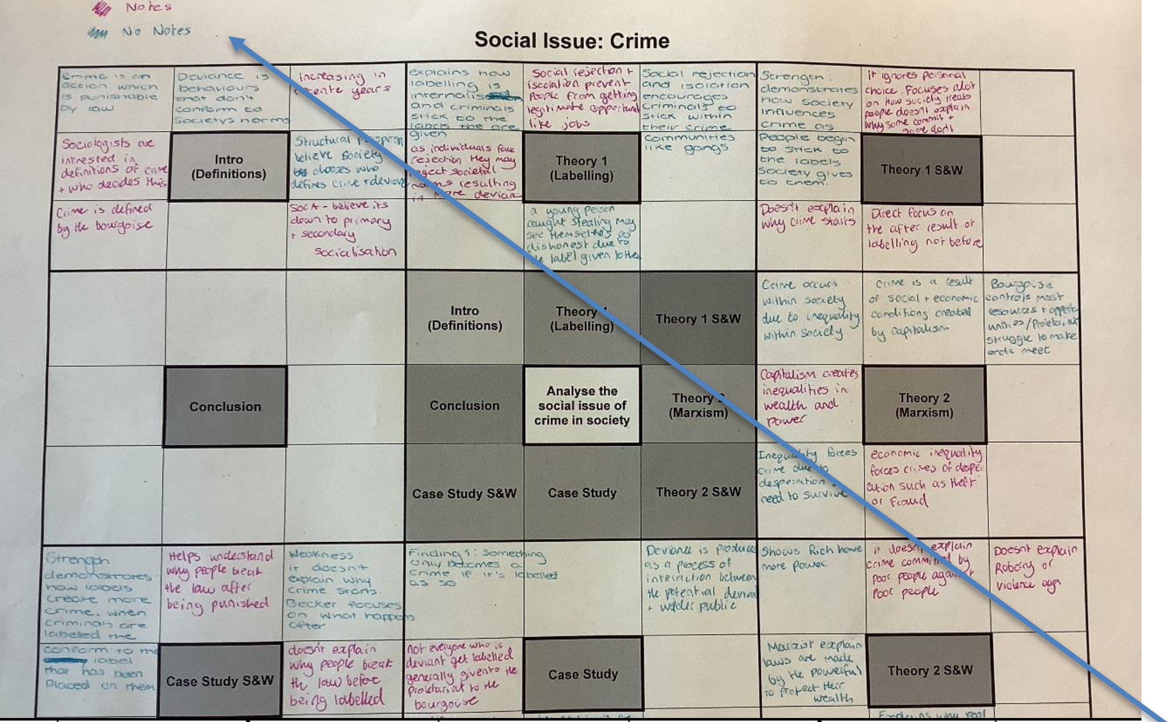
Activity 2: Effective Flashcards

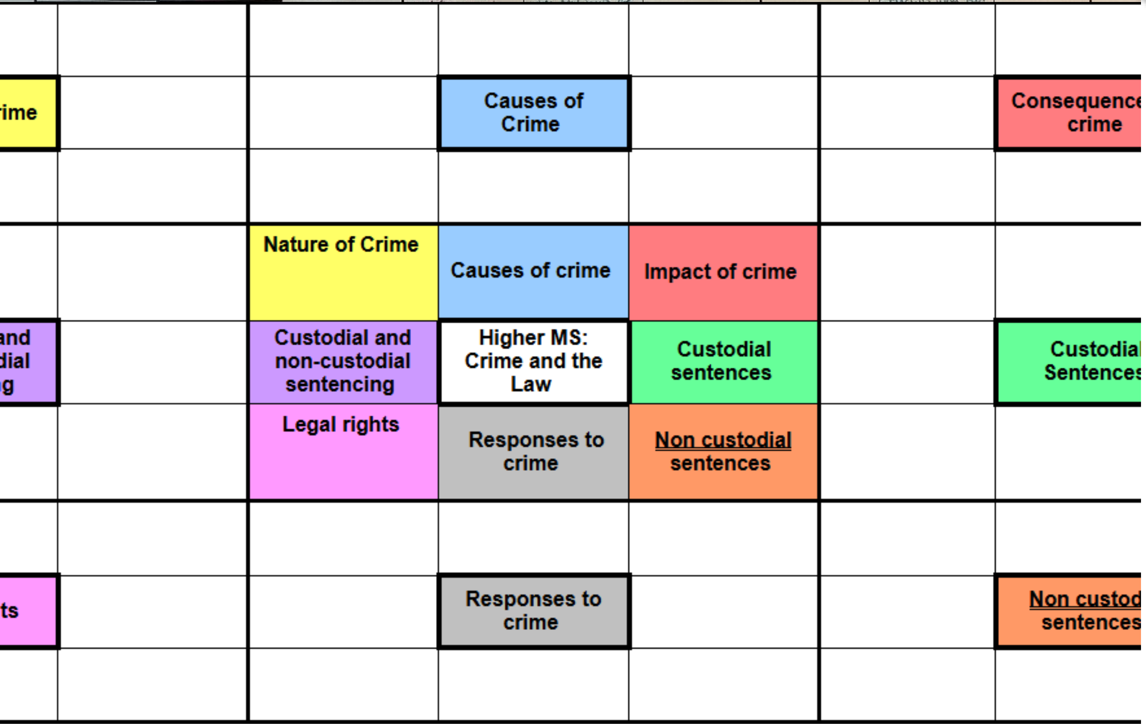






Duffy uses a short sentence here. This is effective as it emphasises how surprising the gift is. Throughout the poem, Duffy uses the onion as a metaphor for love.



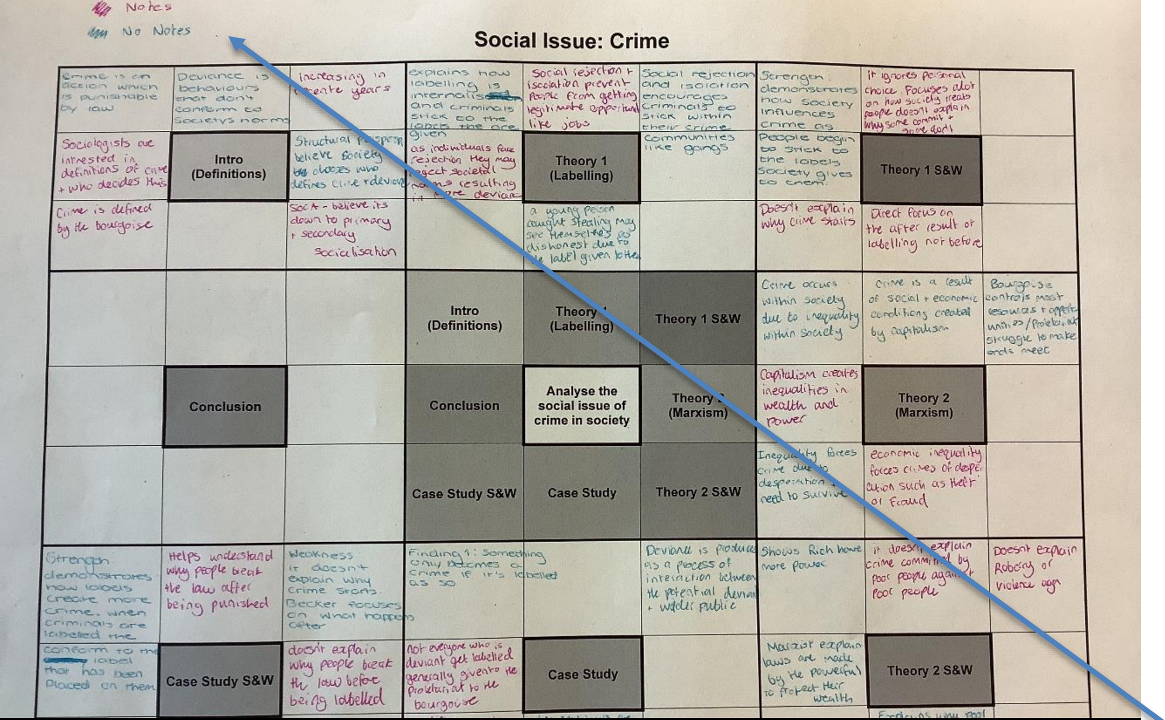


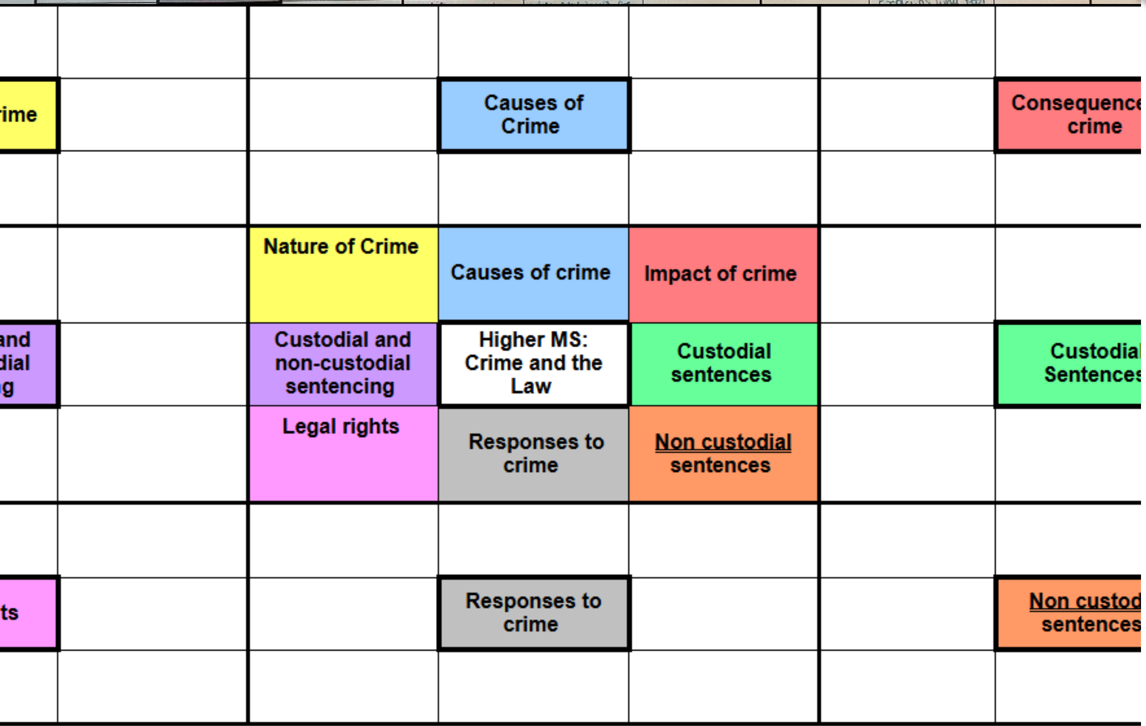
Activity 3- RETRIEVAL –LOTUS GRIDS

A lotus diagram is a structured retrieval tool.

We can use these diagrams to visually represent our ideas and concepts like mind mapping. Students can break down problems or statements in small bits and find connections between concepts and ideas.

The topic title or central idea goes at the centre, and the lotus blossoms with related components and solution ideas expanding outwards in 9x9 grids





Activity 3- RETRIEVAL –LOTUS GRIDS

Students begin by "dumping" what they know. The then check their notes an add in any "gaps" using a different colour pen. Here sociology students have pink for notes, and blue for no notes. They have identified their "gaps" and have an area of focus for their revision

Benefit: These diagrams help students develop creative thinking and improve their comprehension of any topic.

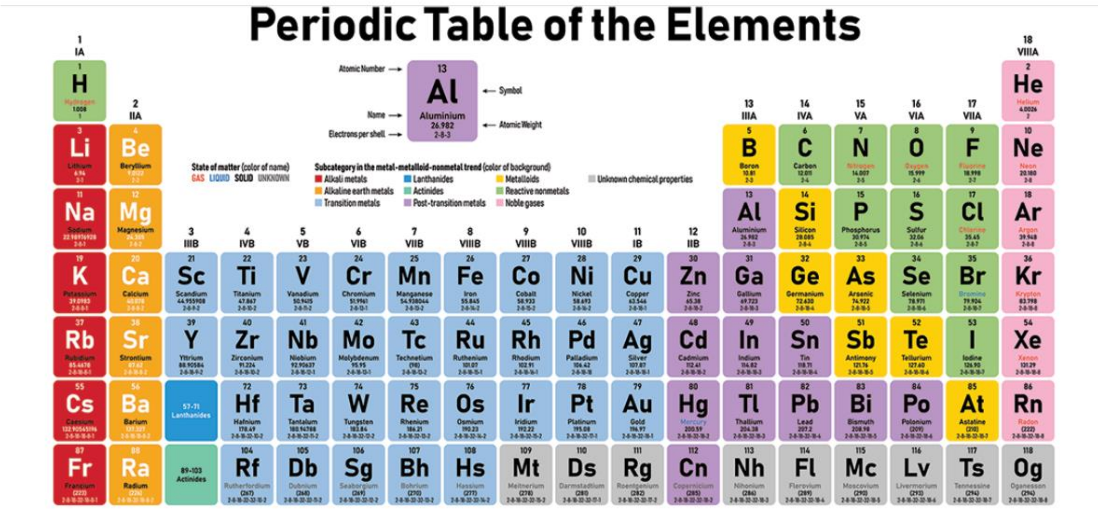
Benefit: It's an accessible way to break down complex topics into smaller components

Benefit: allows students to explore all components of a topic or unit of work in one place

1. Pick up a copy of the Disney lotus grid
2. Choose an area that you'd like to have a go at
3. The portrayalof female characters has been modelled for you.

HIT SONGS	**CLASSICS FAIRY OR FOLK TALES**	**FULL OF ROMANCE**
PORTRAYAL OF FEMALE CHARACTERS	**DISNEY FILMS**	HIGH STAKES ACTION
MORAL TEACHING/PRINCIPLE	TEAR JERKERS	ABSENT PARENTS

Activity 4: Memory



For more information...

- https://www.learningscientists.org/