

Year 11 Parents Revision Evening

January 26th 2017

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Revision myths

Revision doesn't work for me...I do better when I don't revise!

I can multi-task when I revise

Reading and writing notes is the best revision

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Retrieval Practice

- Retrieval practice involves recalling something you've learned in the past from your memory
- You need to forget the information at least a little in order for retrieval to be effective!
- Don't just immediately recite what you've learned
- Retrieve information once it starts to get a little more difficult to remember

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Retrieval Practice

- The single most important revision technique
- If you don't recall things you won't remember it

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Task

- Write down your three best friends' mobile phone numbers from memory



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Retrieval Practice

- Past papers
- Creating your own quizzes / share with friends
- Flashcards
- Writing everything you know about a topic
- Concept maps



Retrieval Practice

- After practising retrieval, check to make sure you correctly and completely retrieved the information.
- This process corrects any misunderstandings, and gives you feedback about what you know and what you don't know.



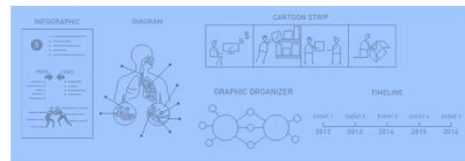
Retrieval Practice

- Practising retrieval can be HARD
- The more you do it the better you'll get



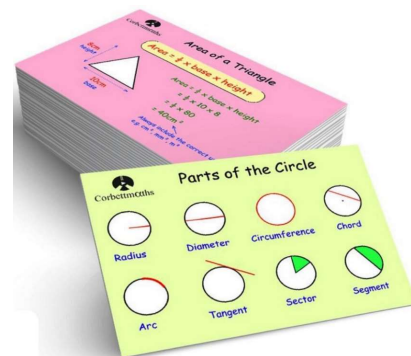
Dual Coding

- Dual coding is the process of combining words and images eg infographics, timelines, cartoon strips, diagrams



Dual Coding




- When you have the same information in two formats it gives you two ways of remembering the information later on.
- Combining visuals with words is a more effective way to remember information





"Never let me go" quotes




I've got an impression of things changing rapidly around then, like day moving into night.

for a while those essays helped keep us afloat in our new surroundings.





Spacing Practice

CRAMMING DOESN'T WORK




Spacing Practice

- The key to effective learning is to space it over time

Spacing Practice


- How to space information.....
- Get a copy of everything that you need to know in your subjects
- Divide it into small chunks
- Rate it/highlight it with a colour based on the following: if it were an exam question on a paper you did today, would you...
 - be able to answer it fully without any problems?
 - be able to answer some of it, but not all/could attempt an answer?
 - not be able to answer any of it/have no idea what it is?
- GCSE Pod can help here



Core Science


TOPICS

Keeping Healthy	Nerves & Hormones	Use & Abuse of Drugs	Interdependence & Adaptation	Energy & Biomass in Food Chains	Waste Materials from Plants & Animals	Genetic Variation & Control
Evolution	Fundamental Ideas in Chemistry	Limestone & Building Materials	Metals & Their Uses	Crude Oil & Fuels	Other Useful Substances from Crude Oil	Plant Oils & Their Uses
Changes to the Earth & its Atmosphere	Heating Processes & Energy Transfer	Energy & Efficiency	The Usefulness of Electrical Appliances	Methods We Use to Generate Electricity	Waves, Communication, and the Universe	GCSE Revision





Spacing Practice

- **Red topics:**
 - Decide if you need further help on this. If so, ask a teacher, friend, someone in class
 - Put these topics into your timetable with **increasing gaps**
 - Aim to review 4 – 6 times
- **Amber topics:**
 - Put these topics into your timetable with **increasing gaps**
 - Aim to review 3 – 4 times
- **Green topics:**
 - Put these topics into your timetable with **increasing gaps**
 - Aim to review 1 – 2 times





Interleaving

- Switch between topics whilst studying
- Don't spend too long on one topic

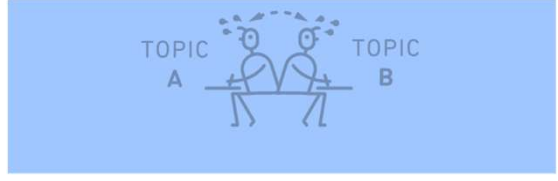

Interleaving

- Go back over ideas in different orders
- This helps strengthen understanding



Interleaving

- Don't switch too often


Interleaving

- Interleaving may feel harder
- This "thinking hard" is actually helping your learning and memory

Concrete Examples

- Concrete examples can help you to understand complex, abstract ideas
- Abstract ideas can be hard to grasp.
- Human memory is designed to remember concrete information better than abstract information
- To really nail down an abstract idea, you need to solidify it in your mind.
- You can do this by being specific and concrete.



Concrete Examples

- Take “scarcity” as an example of an abstract idea
- Scarcity can be explained as follows:
the rarer something is, the higher its value will be



Concrete Examples

- But this description contains a lot of vague terms, such as “rarer” and “value”
- How can we make this idea more concrete?
- We could use a specific example to illustrate the idea



Concrete Examples

Adidas Yeezy Boost 350



Elaboration

- Elaboration involves explaining and describing ideas with many details.
- It also involves making connections among ideas and connecting the material to your own experiences, memories, and day-to-day life



Elaboration

Make connections between multiple ideas and **explain how they work together**
Take two ideas and **think about ways they are similar and ways they are different.**



Elaboration

Try wherever possible to make links with your own personal experience

