

KS4 Success Evening

Helping students
to
reach their goals!

Mr. Palmer
Assistant Principal
Student Achievement and Outcomes



Help! What do I do?

- When are the exams?
- **What are the exams?**
- I have not done any revision yet!
- **When are the PPEs?**
- What do I revise from?
- **How do I revise?**



Revision guidance

- **WHERE**

Away from distractions, ideally not in their bedroom.

- **FOCUS**

Pupils should not have access to mobiles and social media whilst revising.

- **DISTRACTIONS**

TV, radio and other distractions should be turned off, however, some pupils say they revise better with music.

Revision guidance

- **TIME**

Two hours per night of school work. Split the time up into 30 minute slots with different subjects, tasks, methods of revision in each slot.

- **PLAN**

Pupils need a plan to show when the exams are and target revision accordingly.

Revision guidance

- **REWARDS**

Give pupils simple, cheap rewards for working on school work; e.g. chocolate, a favourite meal, seeing friends, watching a favourite movie, outdoor activity.

- **ENCOURAGEMENT**

There is a fine line between nagging and encouragement. My advice would be to be robustly supportive!

Revision Materials

- Exam board websites are the places to go for information about the types of exams, specifications, **past papers**, mark schemes, and **examiner's reports**.
 - AQA www.aqa.org.uk
 - Edexcel www.edexcel.com
 - OCR www.ocr.org.uk
 - Welsh Board www.wjec.co.uk
 - GCSEpod
 - Youtube revision channels

Premier partner



SUPPORT YOUR CHILD ON THE PATH TO SUCCESS

Your child's school has invested in the award winning resource, GCSEPod, to help your child reach their goals! Join the thousands of parents encouraging their children to use GCSEPod to support learning, homework and revision.



Wow! Emma actually asked if GCSEPod counted as revision as she can't believe it. I can't believe it either! How fantastic to have a resource that meets students on their level, I am blown away! She actually does not feel as though she is doing revision!

Parent



I use GCSEPod to create mindmaps and flash cards, then watch the Pods back to consolidate my knowledge. I also watch them to recap information from lessons so I have a good understanding of the subject content. I like that the Pods are short and concise. Plus they contain information that will allow me to answer the exam question.

Student



- Proven to increase results
- 21 exam mapped subjects
- Available online and offline
- Audio visual content
- Builds confidence
- Use on the go, anytime, anywhere



For more information please visit www.gcsepod.com/parent



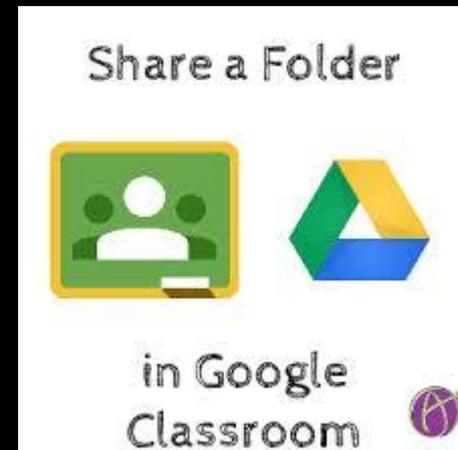
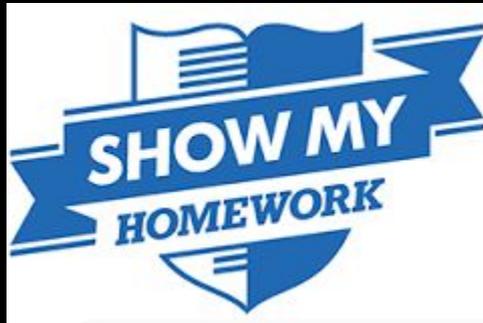
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www.gcsepod.com/parents

<https://www.gcsepod.com/parents-benefits/>

Online resources

- SHOW MY HOMEWORK
- Google classroom



- *Assignments*
- *Quizzes*
- *Literacy tests (auto graded)*
- *Numeracy (auto graded)*
- *Differentiated tasks*

Revision Cards / Audio recordings

- Revision cards are among the most popular revision resources. The idea is that you summarise some information on a single blank card. You can create them online at...
- www.getrevising.co.uk

– BBC Bitesize

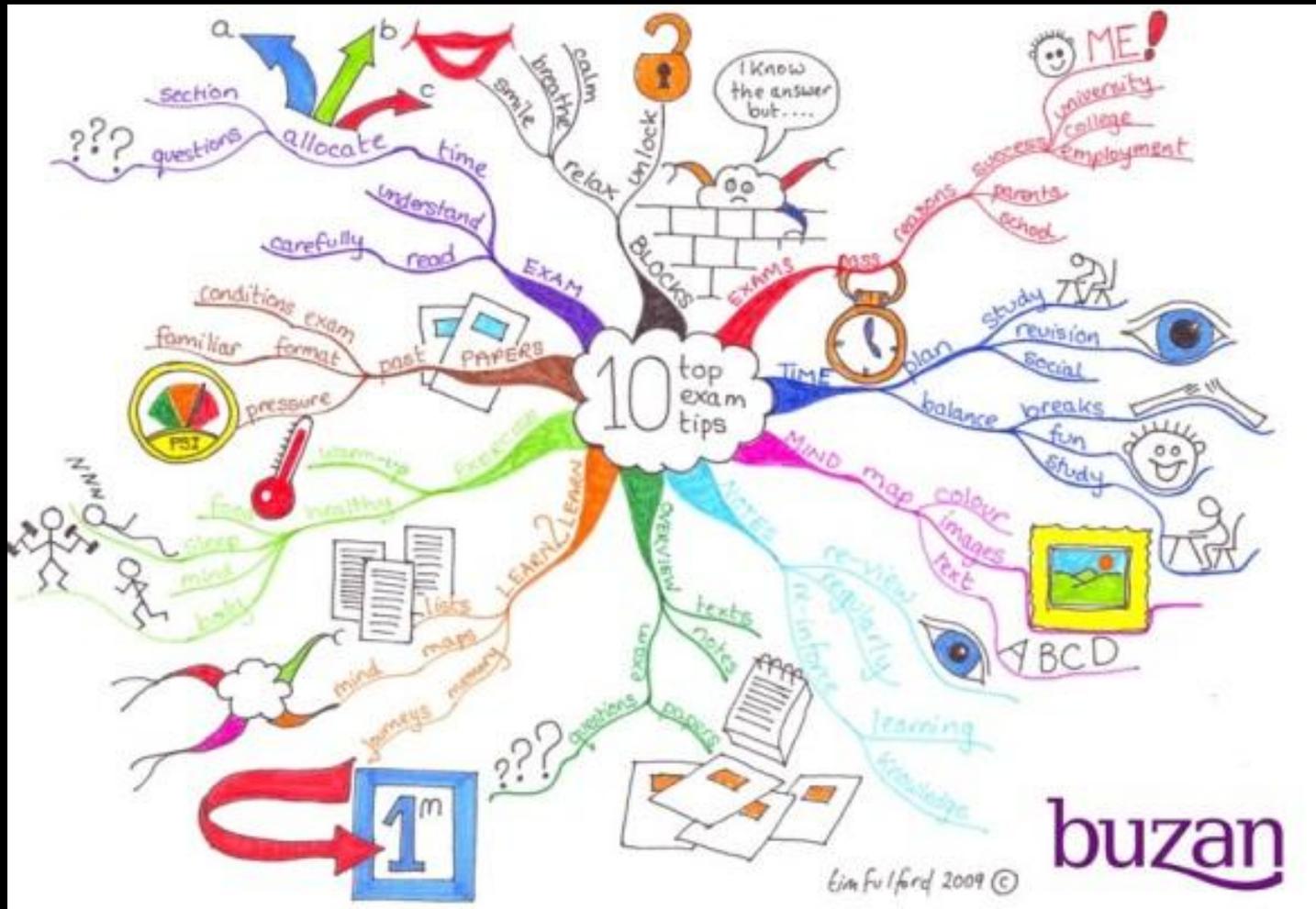
- English
- French
- Geography
- History
- Science
- Spanish

Active Revision

- Using your text and work books well
- Don't only read a revision guide – revisit over and over again!

- Use of websites, Year 11 parents evening 8th November – full guidance for subject revision will be given.

Mind Maps



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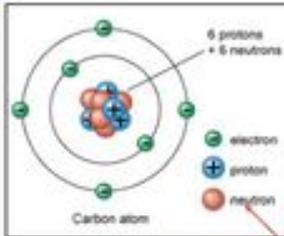
Definitions

Atom – Particles that make up all substances.

Element – A substance made up of only one kind of atom.

Compound – A substance made of different types of atoms joined together.

Mixture – A substance existing of atoms that can be easily separated as they are not joined together.

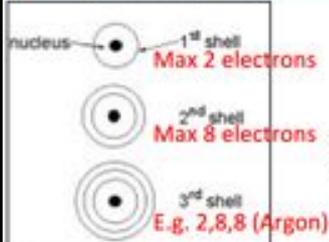


Periodic Table of the Elements

Legend:
 ■ halogens
 ■ alkali metals
 ■ alkaline earth metals
 ■ transition metals
 ■ poor metals
 ■ metalloids
 ■ noble gases
 ■ non-earth metals

Group 0 or 8 are **UNREACTIVE**
They have a full outer shell of electrons

Periodic table arranges elements by **ATOMIC NUMBER** (proton number/the small one)



Atomic Number (or Proton Number) **2**

Elemental Symbol **He**

Relative Mass (or Atomic Mass) **4.003**

Protons and neutrons both have a mass of 1

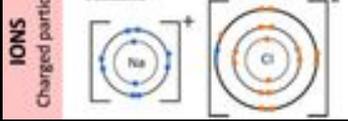
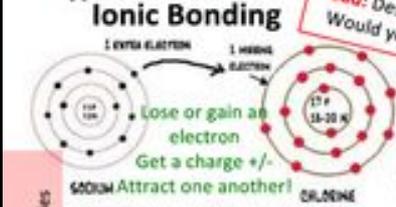
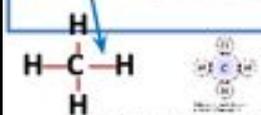


No charge

The number of outer shell electrons match the group the element is found in.
E.g. Lithium 2,1 is a group 1 element.

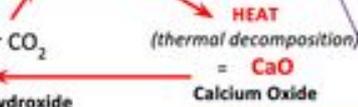
The number of electrons an atom has affects the way it reacts

Covalent Bonding
Non-metals sharing electrons



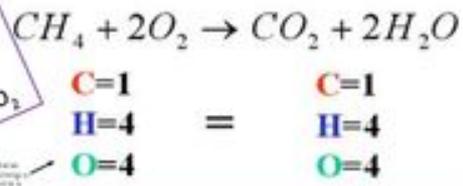
Limewater
The test for CO_2
 Ca(OH)_2
Or Calcium Hydroxide comes from adding water to CaO

LIMESTONE
Calcium Carbonate CaCO_3



Carbonates
Decompose when heated
= Oxide + CO_2
React with acid
= Salt + water + CO_2

Balanced Equations



A balanced equation has the **same number of atoms** of each element **on both sides**

Using **Molecules**: In this equation, the large number in front of the chemical symbol tells you the molecules needed.
e.g. 1 CH_4 molecule reacts with 2 O_2 molecules

Good: More jobs
QUARRYING
Bad: Destroy habitats and Landscape
Would you want to live next to one?

Limestone is heated in a **Rotary Lime Kiln**
You then have **Cement** or **Mortar** by adding water and sand.
If you add **crushed rocks** you get **Concrete**

Metals – Very useful
e.g. Copper wires conduct well
Most need to be **ALLOYED** to make them harder

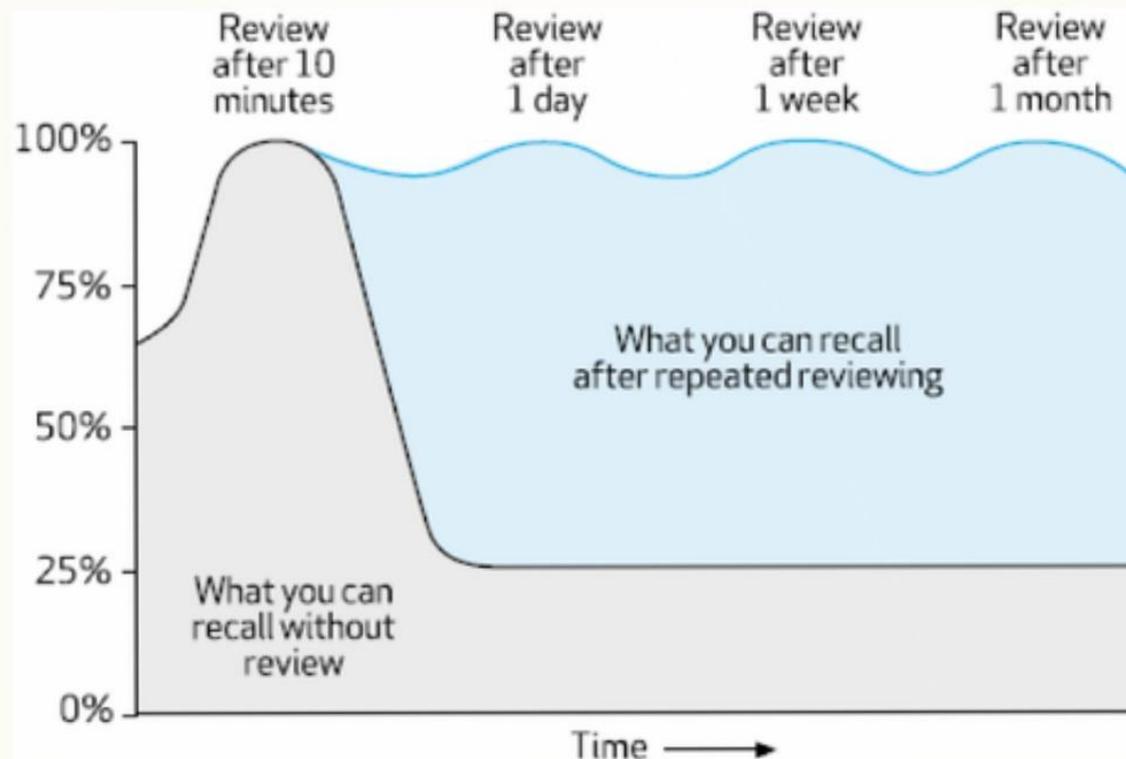
Metals which are un-reactive are found in their **NATIVE STATE** e.g. **GOLD**
More reactive metals are found as **METALS ORES** and need to be **EXTRACTED**

TRANSITION METALS

C1 CHEMISTRY

Keep coming back to topics

theory





Diagnosis, Relaxation, Test

- Diagnose which areas you have a weakness in. You can find this out from classwork, assignments, past papers or any revision questions that you have answered.
- Give yourself some relaxation time between revision sessions.
- Test yourself on how much you know. If you don't do well in the test then revise the topic again.
- Remember, just reading a revision guide on its own is not effective revision. You need to do all 3 parts to make progress in your weak areas.

Revision Timetable

- Start by putting your exams on the timetable.
- Then divide out your subjects. Any examinations the following day will need revision the night before.
- Divide subjects out evenly, however, there may be some subjects which need more revision.
- Specify what topics you are going to revise for each session.
- Build in breaks, you will need one every 40 minutes.



**KEEP
CALM
AND
TAKE
A BREAK**



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Pre Public Examinations (PPEs)

- What are PPEs?
- Targeted tutor time revision. (GCSEpod)
- Prepare for the PPEs as though they are the real thing.
- Performance in the PPEs is comparable to performance in the actual exams.
- Results day to emulate the real thing.
 - Monday 21st January



Alternative Route

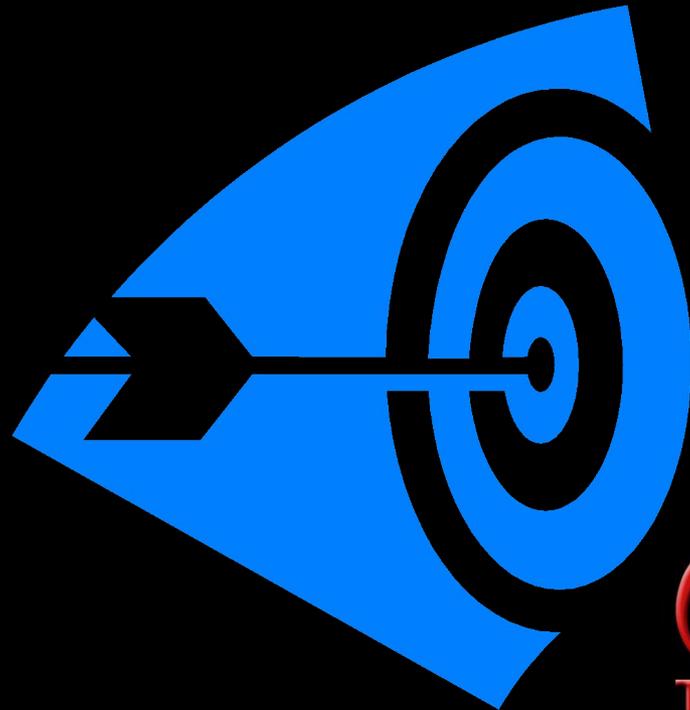
- Think that everything will be ok.
- Mess around in lessons.
- Put things off.
- Rely on ability.

This could work, but not in my experience!

Revisit Your Checklist

Stay on target

- Revision timetable
- Revision materials
- Exam timetable
- Exam equipment
- Time for revision
- Space for revision



We will keep you updated

- Students will have their timetables by the end of March, PPE exam timetables in November
- All exam times will be on the College website
- A Year 11 Revision Guide will be sent home for Pupils & Parents
- If you have any concerns about your son/daughter's exams then let us know. We can help
- First exam 13th May 2019 Pre Public Examinations (PPEs) begin in December
for two weeks (W/C 10th and 17th December)
- GCSE results day Thursday 22rd August

The key message is:

Do the revision

Put in the hard work

AND

Reap the rewards

Thank you
for listening



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