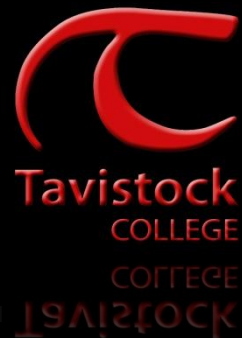


# KS4 Success Evening

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](http://www.aqa.org.uk)
  - Edexcel [www.edexcel.com](http://www.edexcel.com)
  - OCR [www.ocr.org.uk](http://www.ocr.org.uk)
  - Welsh Board [www.wjec.co.uk](http://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](http://www.gcsepod.com/parent)



**Tavistock**  
COLLEGE  
COLLEGE  
TAVISTOCK

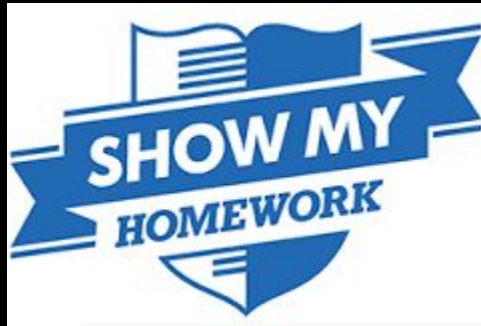
[www.gcsepod.com/parents](http://www.gcsepod.com/parents)

<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](http://www.getrevising.co.uk)

## – BBC Bitesize

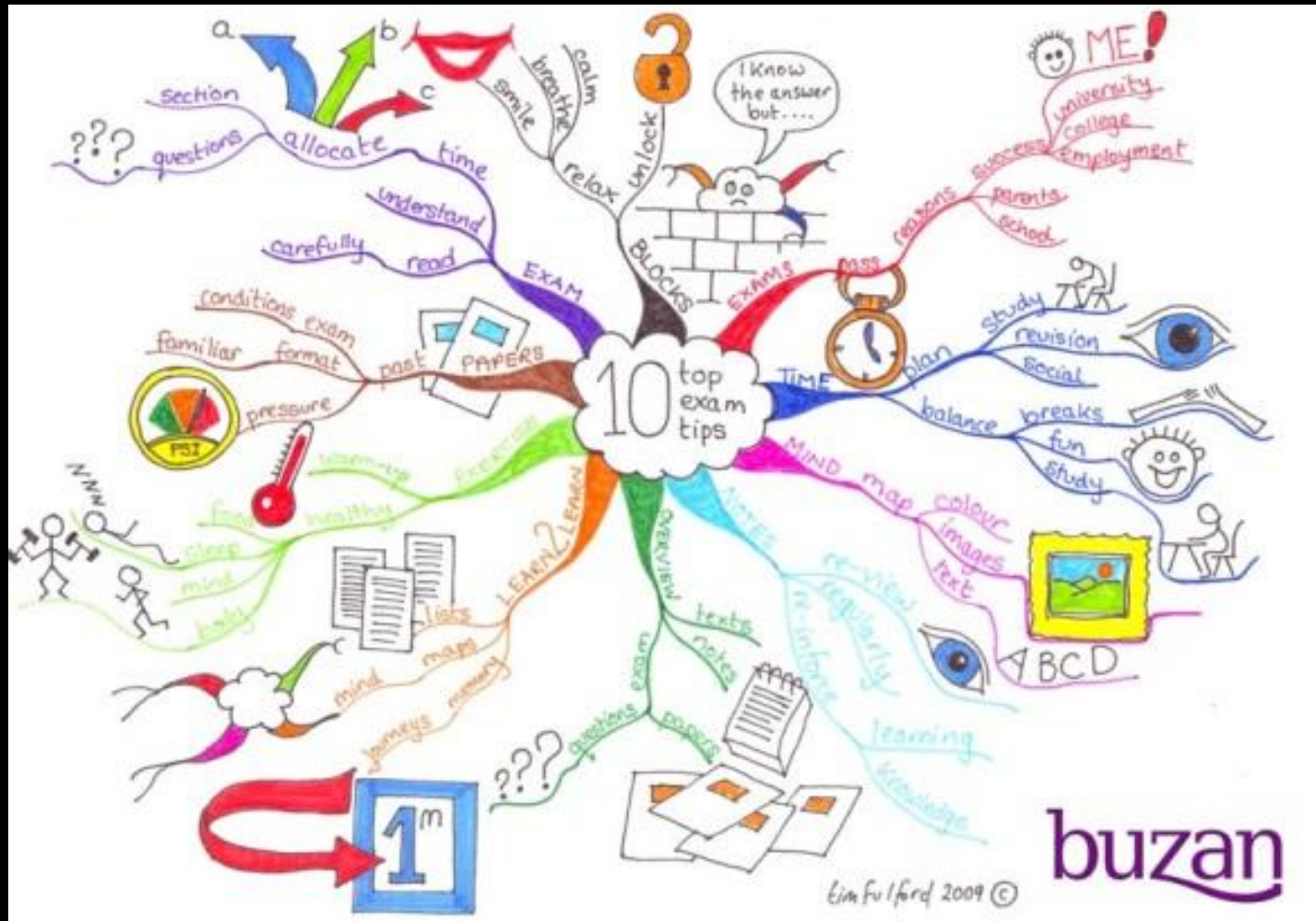
- English
- French
- Geography
- History
- Science
- Spanish

# 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



Tavistock  
COLLEGE  
COLLEGE  
TAVISTOCK

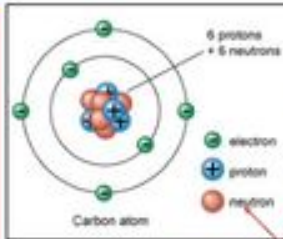
**Definitions**

**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.



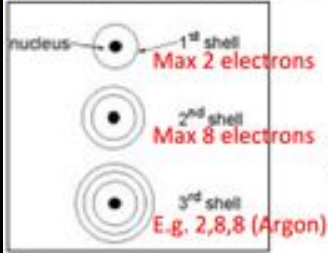
Periodic Table of the Elements

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)

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



Atomic Number (or Proton Number) **2**  
 Elemental Symbol **He**  
 Atomic Mass in amu **4.003**

Protons and neutrons both have a mass of 1



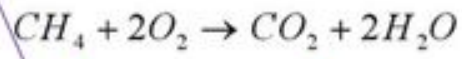
Used for building



**LIMESTONE**  
 Calcium Carbonate **CaCO<sub>3</sub>**

**Carbonates**  
 Decompose when heated = Oxide + CO<sub>2</sub>  
 React with acid = Salt + water + CO<sub>2</sub>

**Balanced Equations**



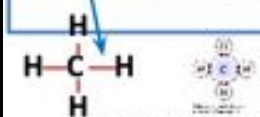
C=1                      C=1  
 H=4                      H=4  
 O=4                      O=4

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<sub>4</sub> molecule reacts with 2 O<sub>2</sub> molecules

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

**Covalent Bonding**  
 Non-metals sharing electrons



**Ionic Bonding**  
 Lose or gain an electron  
 Get a charge +/-  
**NaOH** Attract one another!  
**CaCl<sub>2</sub>**

**Limewater**  
 The test for CO<sub>2</sub>  
**Ca(OH)<sub>2</sub>**  
 Or Calcium Hydroxide comes from adding water to CaO

**HEAT**  
 (thermal decomposition)  
 = **CaO**  
 Calcium Oxide

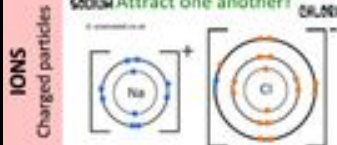
**Good: More jobs**  
**QUARRYING**  
**Bad: Destroy habitats and Landscape**  
 Would you want to live next to one?

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**

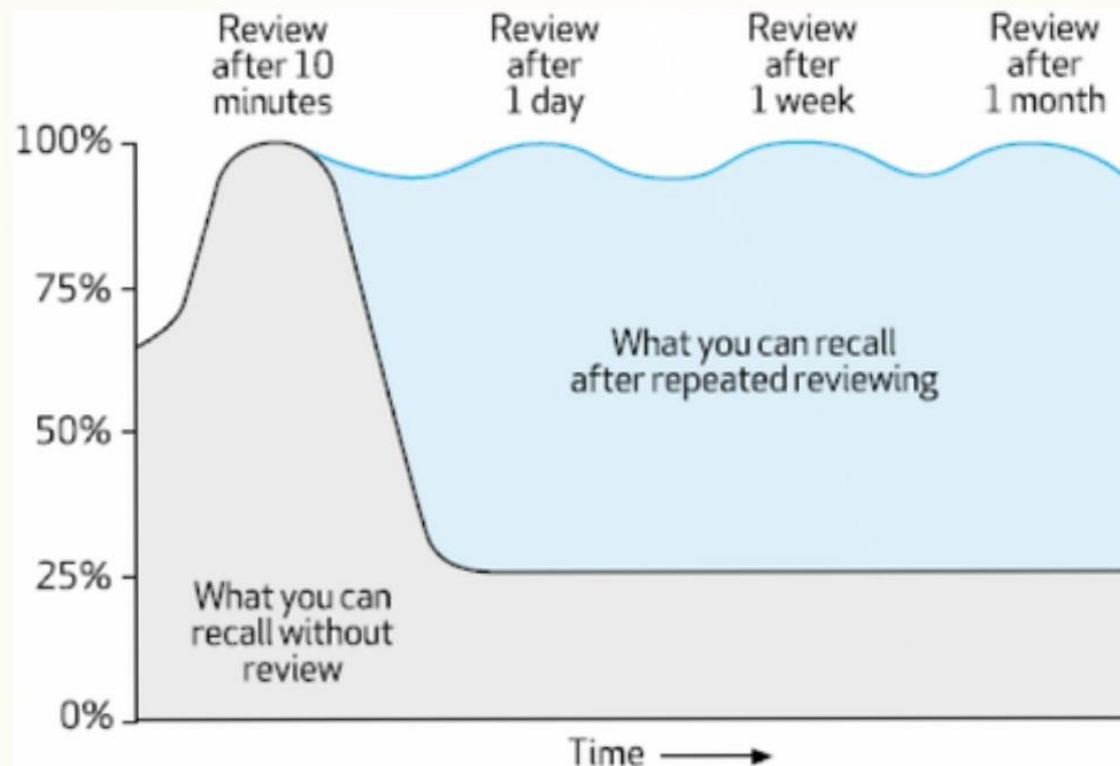


**C1 CHEMISTRY**



# 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**



**Tavistock**  
COLLEGE  
COLLEGE  
TAVISTOCK

# 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

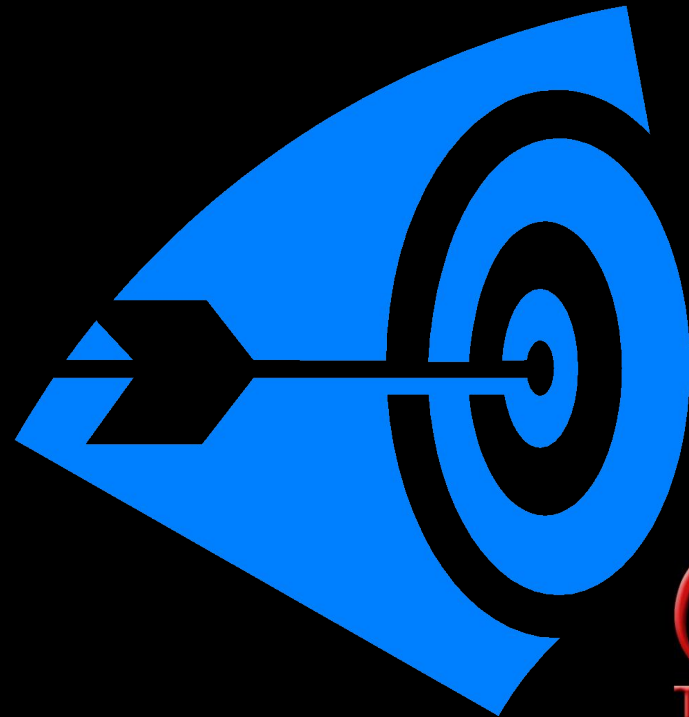
- Think that everything will be ok.
- Mess around in lessons.
- Put things off.
- Rely on ability.

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 22<sup>rd</sup> August

The key message is:

Do the revision

Put in the hard work

AND

Reap the rewards

Thank you  
for listening



Tavistock  
COLLEGE  
COLLEGE  
TAVISTOCK