



Year 10 Parents – Monday 7th June 2021



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The countdown to your GCSEs starts now



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What are PPEs?



- Students will be sitting three sets of Pre-public Examinations or Mock exams to help them prepare and practice for their actual GCSEs next summer.
- The first set of PPEs are in Year 10 and these start on Monday 21st June.
- The second set of PPEs will take place in November/December of 2021.
- The final set of PPEs will take place in March 2022.



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Why are we doing PPEs?



1. PPEs are the best way to help students practice and prepare for GCSEs.
2. PPEs help students get organised and into the habit of revising.
3. PPEs help students work out what is the best revision technique for them.
4. PPEs help students work out what they know and understand for each subject and what topics/sections/questions that they need to revise more for.
5. PPEs help teachers work out your gaps in knowledge and understanding.

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When are the Year 10 PPEs?



Year 10 PPE timetable – May 2021

<u>Date</u>	<u>Subjects</u>	<u>Start time 9am</u>	<u>Start time from 11.30am</u>
Monday 21 st June	Triple Biology Double Biology French and German	Triple Biology – 9.00-10.45 (105 mins) Double Biology - 9.00-10.15 (75 mins)	French Reading 11.30-12.30 (45 mins (F) 60 mins (h)) German Reading 11.30 12.30 (45 mins (F) 60 mins (h))
Tuesday 22 nd June	Mathematics Citizenship	Maths Paper 1 – 9.00-10.30 (90 mins)	Citizenship - 11.30-13.15 (105 mins)
Wednesday 23 rd June	Triple Chemistry Double Chemistry Sports Studies	Triple Chemistry – 9.00-10.45 (105 mins) Double Chemistry – 9.00-10.15 (75 mins)	Sports Studies 11.30- 12:30 (60 mins)
Thursday 24 th June	English Literature Music Computer Science	English Lit– 9.00-10:00 (60 mins)	Music – 11.25-12:25 (60 mins) Computer Science 12:25 – 13:25 (60mins)
Friday 25 th June	Food Preparation & Nutrition Physical Education Triple Physics Double Physics	Food Preparation & Nutrition - 9:00 – 10:30 (90 mins) Physical Education – 9.00-10.00 (60 mins)	Triple Physics – 11.30-13.15 (105 mins) Double Physics – 11.30-12.45 (75 mins)
Monday 28 th June	Mathematics Triple Physics Double Physics French and German	Maths Paper 2 – 9.00-10.30 (90 mins)	French writing – 11.30-12.45 (60 mins (f) 75 mins (h)) German Writing 11.30-12.45 (60 mins (f) 75 mins (h))
Tuesday 29 th June	English Language Geography	English Language – 9.00-10:00 (60mins)	Geography Paper 11:25-12:45 (75 mins)
Wednesday 30 th June	Mathematics Information Technology	Maths Paper 3 - 9.00-10.30 (90 mins)	Information Technology 11:30 -12: 30 (60 mins)

*MFL Listening exam will also take place during lesson time.

History, Media Art, Textiles, Drama exams will take place during lesson time. |



How can you revise for PPEs?



Revision is all about 'doing'...and not just reading. Just reading through your exercise book or text book is NOT good revision. You have to actually practise using your knowledge. Here are some better examples of revision methods:

- Creating flashcards with key terms on to learn
- Practising past exam questions from the exam boards or from teachers
- Doing joint revision sessions with a friend – especially if one of you is more confident in a subject and can help the other
- Completing quizzes and tests on sites like GCSE Bitesize
- Recording yourself reading out key information/dates/facts/terms etc on your phone
- Completing timed questions
- Using a mark scheme to look at model answers
- Creating summative revision guides for topics (with key info and subject specific vocab)
- Getting a sibling or parent to test you on things your have learned

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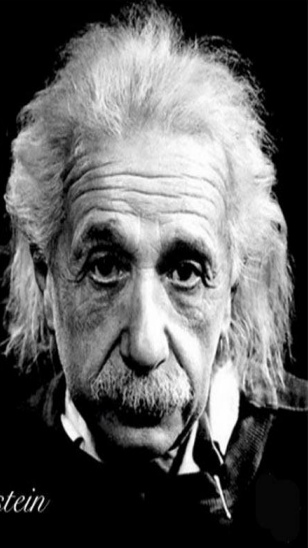
Get organised – all your homework will be revision



MON	TUE	WED	THU
4:00pm MATHS - HISTOGRAMS	4:00pm TECH - MATERIALS	4:00pm MATHS - AREA & VOLUME	4:00pm HISTORY - NAPOLEON
4:30pm	4:30pm MATHS - COMPLETIVE FREQUENCY	4:30pm	4:30pm MATHS - QUADRATICS
5:00pm		5:00pm	5:00pm
5:30pm GEOG - POPULATION	5:30pm	5:30pm GEOG - ECONOMY	5:30pm
6:00pm	6:00pm GEOG	6:00pm	6:00pm GEOG



Insanity:
doing the same thing
over and over again
and expecting
different results.



- Albert Einstein

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.

Atomic Structure
Carbon atom diagram showing 6 protons and 6 neutrons in the nucleus, and 6 electrons in shells (2 in the first shell, 4 in the second shell).
No charge

Periodic Table of the Elements
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).

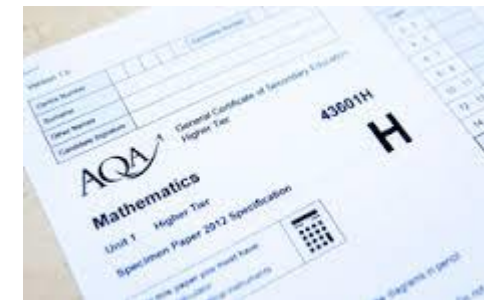
Balanced Equations
 $CH_4 + 2O_2 \rightarrow CO_2 + 2H_2O$
A balanced equation has the same number of atoms of each element on both sides.
Using **Molecules**: In this equation, the large number in front of the chemical symbol tells you the molecules needed.
e.g. 2 CH_4 molecules reacts with 2 O_2 molecules.

LIMESTONE
Calcium Carbonate $CaCO_3$
Used for building
Limestone is heated in a Rotary Lime Kiln. You then have **CaO** or **lime** by adding water and sand. If you add crushed rocks you get **Concrete**.
Great! Make jobs **QUARRYING**! Destroy habitats and landscape. Would you want to live next to one?

Covalent Bonding
Non-metals sharing electrons
The number of electrons an atom has affects the way it reacts

Ionic Bonding
Loss or gain of an electron. Get a charge + or -
Attract one another!

TRANSITION METALS
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 **COMPOUNDS**. **METALS ORES** need to be **EXTRACTED**.



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It is all about hard work



It is what we make out of what we have, not what we are given, that separates one person from another



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With continued courage, commitment and compassion...this is what we will see next summer!



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Any questions?

Parents of students who do GCSE German please stay
online

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