

**Hanley Castle High School**  
and Sixth Form Centre

# Year 11 - School Support

**13 October 2023**

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**Deputy Headteacher**





# Hanley Castle High School and Sixth Form Centre

Careers



23

18

Parents Eve



16,17



Advice Sheets



Oct

Nov

Dec

Jan

Feb

Mar

Apr

May

Jun

elevate  
education





What will be  
assessed

How to revise

Support?

School  
structures

My child as a  
person

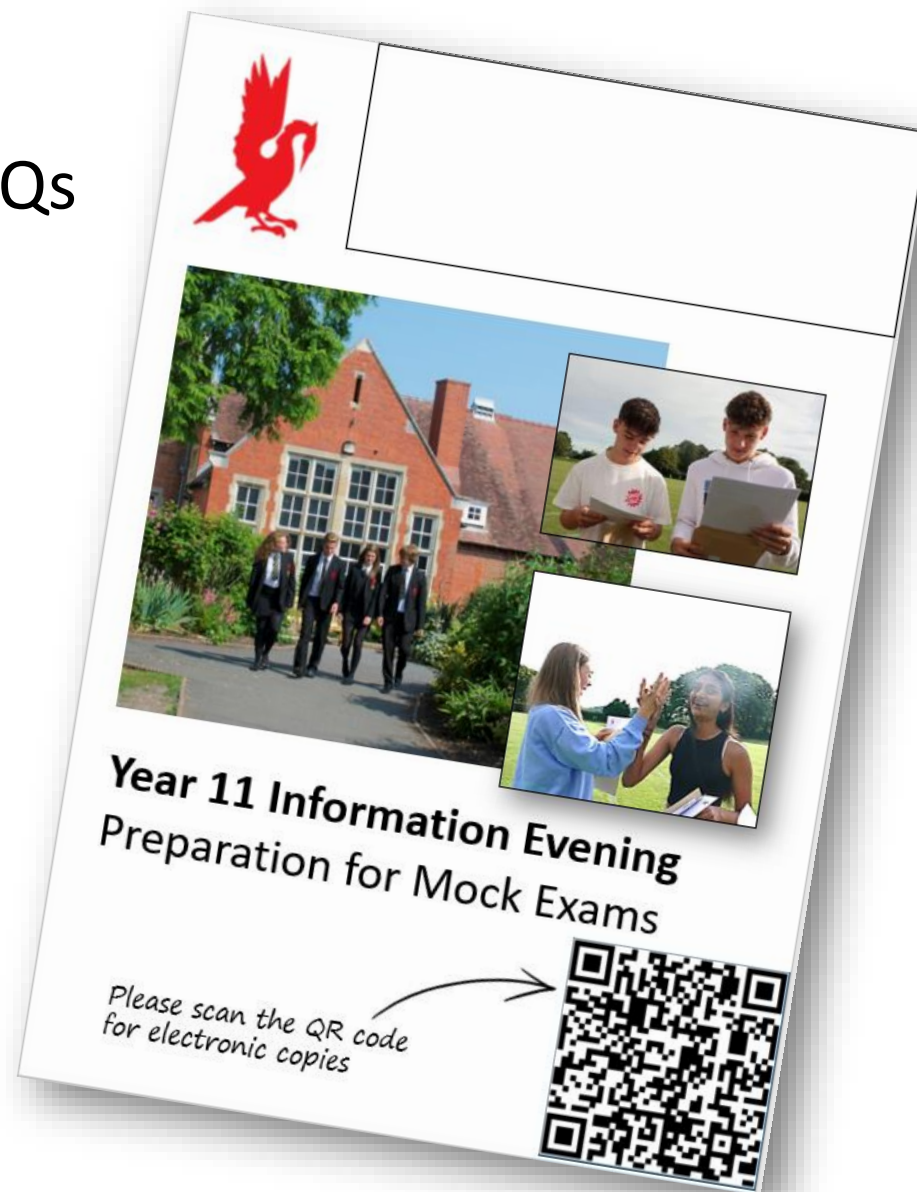




## What will be assessed

- Exams per subject:
  - Length of paper(s)
  - Style of questions
  - Content in mocks
  - *Tier of entry (Ma, Sc, MFL)*
- Resources to use
- How best to revise each subject

## FAQs





## How to revise

### Plan

- Start with clubs etc
- Planning is not retrieval!
- Start early to avoid panic
- Plan to re-visit
- Not a 'straight jacket'
- "Tough love"



JBL – “power hour”  
MCS – strategies

Watch **gsepod** now



Make every lesson count

Revision focus week - tutor time

Homework vs. revision

Past Paper questions

Department revision sessions

School  
structures



## Deliberate Practice – GCSE Combined Science (Chemistry)

11D1 - 2

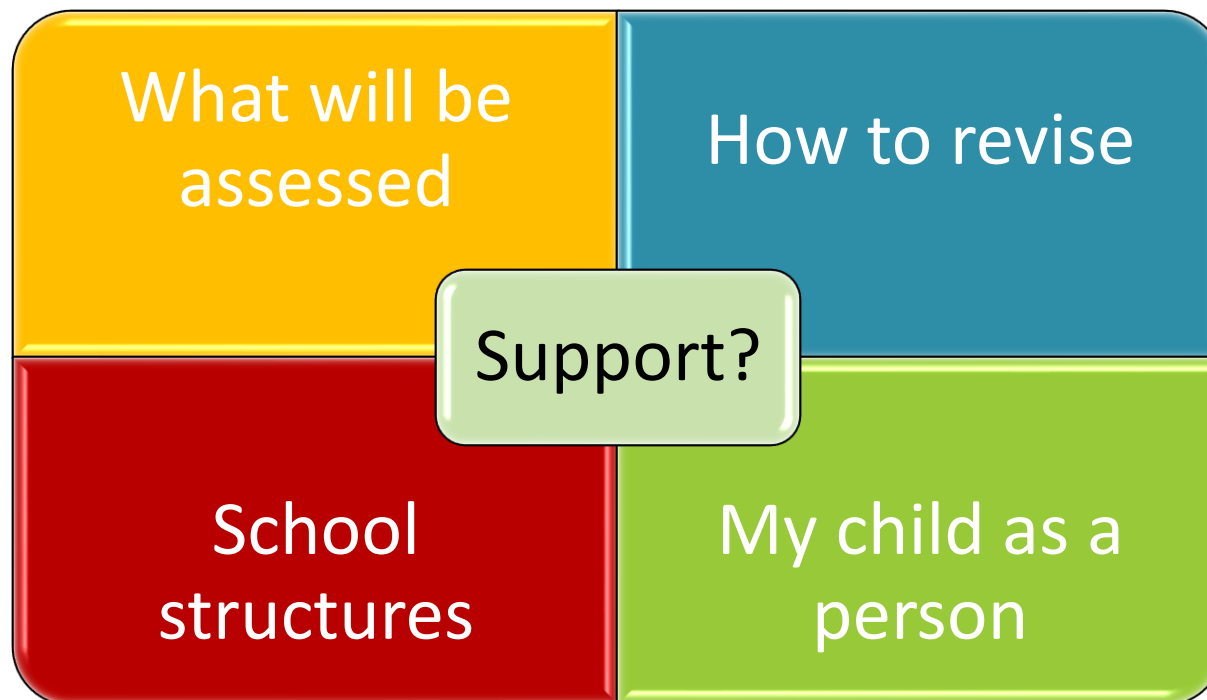
Answer each question in full sentences in your exercise book – remember PQR

1. Atomic Str. and the Periodic Table  No questions on these topics in y11 mock 2023	2. Groups in the Periodic Table  Describe what you see when chlorine gas is bubbled through potassium iodide solution.  Explain why this reaction takes place. [extension – use the idea of REDOX]	3. States of matter / separation  No questions on these topics in y11 mock 2023
4. Bonding and Types of Substance  Draw a <u>diagram</u> to show the <u>ions</u> formed when a magnesium atom reacts with an oxygen atom.  Use a <u>dot and cross diagram</u> to show the covalent bonding in methane, CH <sub>4</sub> . Use this to <u>explain</u> why this simple molecular structure has a low boiling point.	5. Acids and neutralisation  No questions on these topics in y11 mock 2023	6. Extracting metals and electrolysis  No questions on these topics in y11 mock 2023
7. Fuels and the atmosphere  Write a <u>balanced symbol equation</u> when methane (CH <sub>4</sub> ) undergoes complete combustion in oxygen. Include state symbols.  <u>Describe</u> the cracking process by which petrol (C <sub>8</sub> H <sub>18</sub> ) is produced from longer hydrocarbons (e.g. C <sub>10</sub> H <sub>22</sub> )	8. Rates, energy and equilibria  <u>Draw and label</u> a reaction profile diagram for an endothermic reaction. Include a label for the activation energy.  <u>Describe</u> an experiment (draw the apparatus) which could be used to monitor the rate of reaction: $\text{CaCO}_3 + 2\text{HCl} \rightarrow \text{CaCl}_2 + \text{H}_2\text{O} + \text{CO}_2$	9. Calculations  4.8g of sulphur react with 5.7g of fluorine. [F=19, S=32]. Use this to <u>calculate the empirical formula</u> of the compound formed.  8g of methane (CH <sub>4</sub> ) reacts with oxygen (O <sub>2</sub> ) to form 22g of CO <sub>2</sub> and 18g of H <sub>2</sub> O. <u>Work out</u> the mass of oxygen which reacts. [Hint – conservation of mass]



- Mental health
  - Sam Ridout (school counsellor) – exam stress sessions
  - West Team – low level CBT
- Access Arrangements – normal way of working
- Study space at home
  - Build up habits and study time: no music, no phone (JMP)
  - Deferred gratification / bribery
  - You know your child!
- The summer exam series is really long! (6 weeks)
  - Mocks are much more condensed (2 weeks)

My child as a  
person



Would you like us to add anything?