



Subject		Combined Science		
Title/Topic		Format	Length	WC
Paper 1 – Biology & Physics		Written paper	50 minutes	21 November
Paper 2 – Chemistry		Written paper	50 minutes	21 November

In this Advent assessment I will be asked to show I can...

Paper 1 –

All content from the Transport booklet to include:

- Diffusion
- Osmosis
- Active Transport

All content from the Energy booklet to include

- Energy stores
- Using energy equations
- Renewable and non-renewable energy sources
- Specific heat capacity

Paper 2 -

All content from the structure and bonding booklet to include

- States of matter
- Types of bonding
- Giant covalent structures

All content from the chemical calculations booklet to include:

- Relative formula mass
- Concentration of solutions
- The Mole and Reacting masses (higher tier only)



What should I do to revise and prepare for this assessment?

To prepare for this assessment:

1. Use the knowledge organiser of the transport booklet, the energy booklet, the structure and bonding booklet and the chemical calculations booklet (look, cover, write and check).
2. Make flash cards of key terms and their definitions.
3. Read through the booklet and make notes or mind maps on important information.
4. Learn and practise rearranging the equations.

What useful websites/resources could I use to help me prepare?

Use GCSE bitesize to review the material and test yourself.

Transport:

<https://www.bbc.co.uk/bitesize/guides/zs63tv4/revision/1>

Energy:

<https://www.bbc.co.uk/bitesize/topics/z89ddxs>

Structure & bonding:

<https://www.bbc.co.uk/bitesize/topics/z33rrwx>

Chemical calculations:

<https://www.bbc.co.uk/bitesize/topics/zsnvy4j>