

Recall and exam Practice For Paper 2 Topics

Students will revisit topics for Biology, Chemistry and Physics paper 2, recall the content and apply their knowledge by completing practice exam questions.

Home Learning:

Look-cover-write-check one knowledge organiser page every week. Ensure the content on the knowledge organiser is learnt in preparation for a quiz given by your classroom teacher.

Key Questions: (A list of key questions)

Biology

- What do you know about homeostasis?
- What do you know about inheritance and variation?
- What do you know about ecology?

Chemistry

- What do you know about rates of reaction?
- What do you know about organic chemistry and chemical analysis?
- What do you know about chemistry of the atmosphere and using resources?

Physics

- What do you know about forces?
- What do you know about waves and magnetisms?

Diagnosis

& Smith Proforma

- Recall Quiz from knowledge organisers
- Short Diagnosis Test
- Feedback from teachers marking

Therapy

- DIRT lesson – Respond to teachers marking.
- Pixl 'Know It' slides and questions.

Students will: (Success Criteria)

Biology

- Describe how the body mechanisms to control sugar, water, and temperature.
- Describe the differences between sexual and asexual reproduction.
- Describe how to use a quadrat and line transect
- Describe plant and animal adaptations to hot and cold environments.

Chemistry

- Be able to describe how to measure the rate of reaction.
- Be able to describe the structure of alkanes and alkenes.
- Be able to describe the tests for gases.
- Be able to describe how our atmosphere has evolved.

Physics

- Be able to interpret distance-time and velocity time graphs
- Be able to explain the difference between a transverse and longitudinal wave.
- Be able to describe the left hand grip rule to the direction of the magnetic field.

Testing

- Final end of topic test after each topic

