

Curriculum outline of content

Year 11 Combined Science

Autumn Term

Electricity and Circuits CP9

How does a variable resistor affect voltage and current

Magnetism and the motor effect/ Electromagnetic induction CP10-11

Does the magnetic field of the earth affect the atmosphere?

Animal coordination, control and homeostasis. CB7

How do hormones such as insulin work in regulating blood sugar levels.

Exchange and Transport in Animals CB8

How is respiration affected by temperature?

Spring Term

Electrolytic Processes. CC10/11//12.

How can we purify copper

Groups of the Periodic Table, Rates of Reaction CC13/14/15.

How does reactivity change as we go down Group 1 and Group 7 elements

Particle model and Forces and Matter. CP12-13

How does sublimation work?

Ecosystems and Material Cycles. CB9

How does light intensity affect the types of plants that are able to grow?

Fuels and atmospheric Science CC16-17

How does the fractionating column work?

Summer Term

Preparation for Public Examinations

Autumn Term

- Linear assessment at the end of Autumn term (all topics within autumn term assessed)
- Practical investigation

Spring Term

- Linear assessment at the end of the Spring term (all topics from Autumn and Spring term assessed).
- Practical investigation