

Curriculum Overview

Subject: Biology

Year Group: 11

CHASE HIGH

Aspirations, Character & Excellence



TERM 1	TERM 2	TERM 3
<p>KNOWLEDGE/SKILLS</p> <p>B13- Reproduction (DNA, genome, inheritance, genetic disorders, DNA structure, mutations)</p> <p>B15 -Genetics and evolution (Fossils, extinction, classification, resistant bacteria).</p> <p>B16 – Adaptations, interdependence and competition (Competitions and adaptations of animals and plants)</p> <p>Personalised Revision from Year 10 PPE</p> <p>Skills:</p> <ul style="list-style-type: none"> • AO1: Demonstrate knowledge and understanding of: scientific ideas; scientific techniques and procedures. • AO2: Apply knowledge and understanding of: scientific ideas; scientific enquiry, techniques and procedures. • AO3: Analyse information and ideas to: interpret and evaluate; make judgments and draw conclusions; develop and improve experimental procedures. 	<p>KNOWLEDGE/SKILLS</p> <p>B18- Biodiversity and ecosystems (Pollution, global warming, biodiversity, tropic levels, food sustainability)</p> <p>B12 - Homeostasis in action (Body temperature, Kidney, dialysis)</p> <p>B17- Organising an ecosystem (Carbon cycle, water cycle, decomposition and decay).</p> <p>Personalised Revision from December PPE</p> <p>Skills:</p> <ul style="list-style-type: none"> • AO1: Demonstrate knowledge and understanding of: scientific ideas; scientific techniques and procedures. • AO2: Apply knowledge and understanding of: scientific ideas; scientific enquiry, techniques and procedures. • AO3: Analyse information and ideas to: interpret and evaluate; make judgments and draw conclusions; develop and improve experimental procedures. 	<p>KNOWLEDGE/SKILLS</p> <p>Personalised Revision from Easter PPE</p> <p>Skills:</p> <ul style="list-style-type: none"> • AO1: Demonstrate knowledge and understanding of: scientific ideas; scientific techniques and procedures. • AO2: Apply knowledge and understanding of: scientific ideas; scientific enquiry, techniques and procedures. • AO3: Analyse information and ideas to: interpret and evaluate; make judgments and draw conclusions; develop and improve experimental procedures.
<p>KEY ASSESSMENTS</p> <p>Half term 1: Mitosis and Meiosis exam.</p>	<p>KEY ASSESSMENTS</p> <p>Half term 1: Paper 1 QLA test</p>	<p>KEY ASSESSMENTS</p>

Half term 2: December PPE paper 1	Half term 2: PPE paper 2	GCSE's
<p>Extended reading suggestions and external resources:</p> <p>KS4 Bitesize Science https://www.bbc.co.uk/bitesize/subjects/z9ddmp3 Oak National Academy Lessons https://classroom.thenational.academy/subjects-by-key-stage/key-stage-4/subjects/biology Chase High Youtube Playlists https://www.youtube.com/channel/UCSK4ImJfi5sPH4UBp7cZtyQ</p> <p>We actively encourage students to read and research about the wider Scientific world- Planet Earth and Perfect Planet both on BBC iPlayer are examples of where students can engage with Science from the safety and comfort of their own homes.</p>		