















# Woodrush High School - Biology









An Academy for Students Aged 11-18



**REVISION** *Plans*  
8 WEEKS TO  
SUCCESS!









Exam Board – OCR	<p>Link to Exam Specification –  <b>Combined:</b> <a href="#">OCR GCSE (9-1) Combined Science A Specification J250 (Gateway Science)</a>  <b>Triple:</b> <a href="#">OCR GCSE (9-1) Biology A (Gateway Science) J247 Specification</a>          Link to Past Papers – <a href="#">GCSE - Gateway Science Suite - Combined Science A (9-1) - J250 - OCR</a>  <a href="#">GCSE - Gateway Science Suite - Biology A (9-1) - J247 - OCR</a> click the <b>Question papers, mark schemes and reports</b> tab  <b>Triple Only = Green</b></p>
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Week	Topics	Subject Content to Revise	Directed Revision – Resources / Online Platforms / Links / QR etc
Week 1 – wb 16 <sup>th</sup> March	Mocks Round 2	<ul style="list-style-type: none"> <li>B4: The Carbon Cycle, Water Cycle, Nitrogen Cycle, <b>Decomposition and decay</b>, Biotic and Abiotic factors, Food Chains and Webs, Interdependence and competition, Pyramids of Number and Biomass</li> <li>B5: Variation. Meiosis, Inheritance, Sexual and Asexual reproduction, Classification, Evolution and Natural Selection, <b>Evidence for evolution: Darwin and Wallace</b></li> <li>B6: Sampling, Biodiversity, <b>Human Impact on Biodiversity, Impact of environmental change, Food security and pest control, increasing agricultural yields</b>, Selective Breeding, Genetic Engineering, Health and Disease, Pathogens, <b>Plant diseases</b>, Immune System, Vaccines, Drug Development, Investigating Antimicrobials and Aseptic Technique, <b>Monoclonal antibodies</b>, Non-communicable Disease, Stem Cells, Genome Medicine.</li> </ul>	 <a href="#">B4 Study Pack – Combined</a>  <a href="#">B4 Study Pack – Triple</a>  <a href="#">B5 Study Pack – Combined</a>  <a href="#">B5 Study Pack – Triple</a>  <a href="#">B6 Study Pack – Combined</a>  <a href="#">B6 Study Pack – Triple</a>

<p><b>Week 2 – wb 23<sup>rd</sup> March</b></p>	<p><b>B1</b></p>	<ul style="list-style-type: none"> <li>• <b>B1:</b> Cell Structure, Microscopy, DNA and biological molecules, <b>Protein synthesis</b>, Enzymes and factors that affect them, Respiration and Photosynthesis</li> </ul>	 <a href="#">B1 Study Pack – Combined</a>  <a href="#">B1 Study Pack - Triple</a>
<p><b>Week 3 – wb 30<sup>th</sup> March (Easter)</b></p>	<p><b>B1/2</b></p>	<ul style="list-style-type: none"> <li>• <b>B1:</b> Cell Structure, Microscopy, DNA and biological molecules, <b>Protein synthesis</b>, Enzymes and factors that affect them, Respiration and Photosynthesis</li> <li>• <b>B2:</b> Mitosis, Specialised cells, Stem cells, Diffusion, Osmosis and Active transport, Circulatory system, Xylem and phloem, Transpiration, and translocation</li> </ul>	 <a href="#">B1 Study Pack – Combined</a>  <a href="#">B1 Study Pack - Triple</a>  <a href="#">B2 Study Pack – Combined</a>  <a href="#">B2 Study Pack - Triple</a>

<p><b>Week 4 – wb 6<sup>th</sup> April (Easter)</b></p>	<p><b>B2/3</b></p>	<ul style="list-style-type: none"> <li>• <b>B2:</b> Mitosis, Specialised cells, Stem cells, Diffusion, Osmosis and Active transport, Circulatory system, Xylem and phloem, Transpiration, and translocation</li> <li>• <b>B3:</b> Nervous system (including reflexes and synapses), <b>The brain, The eye</b>, Menstrual cycle, Contraception, Fertility treatments, Blood glucose regulation and diabetes, <b>The kidney, Thermoregulation, Plant hormones.</b></li> </ul>	 <a href="#">B2 Study Pack – Combined</a>  <a href="#">B2 Study Pack - Triple</a>  <a href="#">B3 Study Pack – Combined</a>  <a href="#">B3 Study Pack - Triple</a>
<p><b>Week 5 – wb 13<sup>th</sup> April</b></p>	<p><b>B2</b></p>	<ul style="list-style-type: none"> <li>• <b>B2:</b> Mitosis, Specialised cells, Stem cells, Diffusion, Osmosis and Active transport, Circulatory system, Xylem and phloem, Transpiration, and translocation</li> </ul>	 <a href="#">B2 Study Pack – Combined</a>  <a href="#">B2 Study Pack - Triple</a>
<p><b>Week 6 – wb 20<sup>th</sup> April</b></p>	<p><b>B3</b></p>	<ul style="list-style-type: none"> <li>• <b>B3:</b> Nervous system (including reflexes and synapses), <b>The brain, The eye</b>, Menstrual cycle, Contraception, Fertility treatments, Blood glucose regulation and diabetes, <b>The kidney, Thermoregulation, Plant hormones.</b></li> </ul>	 <a href="#">B3 Study Pack – Combined</a>  <a href="#">B3 Study Pack - Triple</a>

<p><b>Week 7 – wb 27<sup>th</sup> April</b></p>	<p><b>B4/5</b></p>	<ul style="list-style-type: none"> <li>• B4: The Carbon Cycle, Water Cycle, Nitrogen Cycle, <b>Decomposition and decay</b>, Biotic and Abiotic factors, Food Chains and Webs, Interdependence and competition, Pyramids of Number and Biomass</li> <li>• B5: Variation. Meiosis, Inheritance, Sexual and Asexual reproduction, Classification, Evolution and Natural Selection, <b>Evidence for evolution: Darwin and Wallace</b></li> </ul>	 <a href="#">B4 Study Pack – Combined</a>  <a href="#">B4 Study Pack – Triple</a>  <a href="#">B5 Study Pack – Combined</a>  <a href="#">B5 Study Pack – Triple</a>
<p><b>Week 8 – wb 4<sup>th</sup> May</b></p>	<p><b>B5/6</b></p>	<ul style="list-style-type: none"> <li>• B5: Variation. Meiosis, Inheritance, Sexual and Asexual reproduction, Classification, Evolution and Natural Selection, <b>Evidence for evolution: Darwin and Wallace</b></li> <li>• B6: Sampling, Biodiversity, <b>Human Impact on Biodiversity, Impact of environmental change, Food security and pest control, increasing agricultural yields</b>, Selective Breeding, Genetic Engineering, Health and Disease, Pathogens, <b>Plant diseases</b>, Immune System, Vaccines, Drug Development, Investigating Antimicrobials and Aseptic Technique, <b>Monoclonal antibodies</b>, Non-communicable Disease, Stem Cells, Genome Medicine.</li> </ul>	 <a href="#">B5 Study Pack – Combined</a>  <a href="#">B5 Study Pack – Triple</a>  <a href="#">B6 Study Pack – Combined</a>  <a href="#">B6 Study Pack – Triple</a>

<p><b>Exam Week 1</b> – wb 11<sup>th</sup> May</p>	<p><b>Bio paper 1 (B1-3):</b> <b>Tuesday 12<sup>th</sup> May 2026</b> <b>PM</b> <b>B1-3</b></p> <p><b>(B4-6 after exam!)</b></p>	<ul style="list-style-type: none"> <li>• <b>B1:</b> Cell Structure, Microscopy, DNA and biological molecules, <b>Protein synthesis</b>, Enzymes and factors that affect them, Respiration and Photosynthesis</li> <li>• <b>B2:</b> Mitosis, Specialised cells, Stem cells, Diffusion, Osmosis and Active transport, Circulatory system, Xylem and phloem, Transpiration, and translocation</li> <li>• <b>B3:</b> Nervous system (including reflexes and synapses), <b>The brain, The eye</b>, Menstrual cycle, Contraception, Fertility treatments, Blood glucose regulation and diabetes, <b>The kidney, Thermoregulation, Plant hormones.</b></li> </ul>	 <a href="#">B1 Study Pack – Combined</a>  <a href="#">B1 Study Pack - Triple</a>  <a href="#">B2 Study Pack – Combined</a>  <a href="#">B2 Study Pack - Triple</a>  <a href="#">B3 Study Pack – Combined</a>  <a href="#">B3 Study Pack - Triple</a>
<p><b>Exam Week 2</b> – wb 18<sup>th</sup> May</p>	<p><b>B6</b></p>	<ul style="list-style-type: none"> <li>• B6: Sampling, Biodiversity, <b>Human Impact on Biodiversity, Impact of environmental change, Food security and pest control, increasing agricultural yields</b>, Selective Breeding, Genetic Engineering, Health and Disease, Pathogens, <b>Plant diseases</b>, Immune System, Vaccines, Drug Development, Investigating Antimicrobials and Aseptic Technique, <b>Monoclonal antibodies</b>, Non-communicable Disease, Stem Cells, Genome Medicine.</li> </ul>	 <a href="#">B6 Study Pack – Combined</a>  <a href="#">B6 Study Pack – Triple</a>

Half Term –  
wb 25<sup>th</sup> May

B4-6

- B4: The Carbon Cycle, Water Cycle, Nitrogen Cycle, **Decomposition and decay**, Biotic and Abiotic factors, Food Chains and Webs, Interdependence and competition, Pyramids of Number and Biomass
- B5: Variation. Meiosis, Inheritance, Sexual and Asexual reproduction, Classification, Evolution and Natural Selection, **Evidence for evolution: Darwin and Wallace**
- B6: Sampling, Biodiversity, **Human Impact on Biodiversity, Impact of environmental change, Food security and pest control, increasing agricultural yields**, Selective Breeding, Genetic Engineering, Health and Disease, Pathogens, **Plant diseases**, Immune System, Vaccines, Drug Development, Investigating Antimicrobials and Aseptic Technique, **Monoclonal antibodies**, Non-communicable Disease, Stem Cells, Genome Medicine.



[B4 Study Pack – Combined](#)



[B4 Study Pack – Triple](#)



[B5 Study Pack – Combined](#)









[B5 Study Pack – Triple](#)



[B6 Study Pack – Combined](#)



[B6 Study Pack – Triple](#)

<p>Exam Week 4 – wb 1st June</p>	<p>B4-6</p>	<ul style="list-style-type: none"> <li>• B4: The Carbon Cycle, Water Cycle, Nitrogen Cycle, <b>Decomposition and decay</b>, Biotic and Abiotic factors, Food Chains and Webs, Interdependence and competition, Pyramids of Number and Biomass</li> <li>• B5: Variation. Meiosis, Inheritance, Sexual and Asexual reproduction, Classification, Evolution and Natural Selection, <b>Evidence for evolution: Darwin and Wallace</b></li> <li>• B6: Sampling, Biodiversity, <b>Human Impact on Biodiversity, Impact of environmental change, Food security and pest control, increasing agricultural yields</b>, Selective Breeding, Genetic Engineering, Health and Disease, Pathogens, <b>Plant diseases</b>, Immune System, Vaccines, Drug Development, Investigating Antimicrobials and Aseptic Technique, <b>Monoclonal antibodies</b>, Non-communicable Disease, Stem Cells, Genome Medicine.</li> </ul>	 <a href="#">B4 Study Pack – Combined</a>  <a href="#">B4 Study Pack – Triple</a>  <a href="#">B5 Study Pack – Combined</a>  <a href="#">B5 Study Pack – Triple</a>  <a href="#">B6 Study Pack – Combined</a>  <a href="#">B6 Study Pack – Triple</a>
<p>Exam Week 4 – wb 8<sup>th</sup> June</p>	<p><b>Bio Paper 2 (B4-6): Monday 8<sup>th</sup> June 2026 AM</b></p>	<ul style="list-style-type: none"> <li>• Chem + Phys Focus!</li> </ul>	