

Biology Triple H Paper 2

Biology Unit 5 – Homeostasis and response Higher

Major focus topic area	BBC Bitesize Websites	Video links	Revision guide page numbers
<p>The human nervous system (Spec reference 4.5.2)</p> <ul style="list-style-type: none"> • Control of body temperature <p>Things that will not be assessed:</p> <ul style="list-style-type: none"> • Structure and function of the nervous system (spec ref 4.5.2.1) • The brain (spec ref 4.5.2.2) • The eye (spec ref 4.5.2.3) 	<p>Body temperature and the thermoregulatory centre - Homeostasis in humans - AQA - GCSE Biology (Single Science) Revision - AQA - BBC Bitesize (Page 1)</p>	<p>https://youtu.be/IGsQi0JZUTw</p>	<p>72</p>
<p>Hormonal control in humans (Spec reference 4.5.3)</p> <ul style="list-style-type: none"> • Human endocrine system 	<p>Hormones and nerves - Coordination and control - The human endocrine system - AQA - GCSE Biology (Single Science)</p>	<p>https://youtu.be/BvpPCn1rsw</p>	<p>73</p>

<ul style="list-style-type: none"> Control of blood glucose concentration Maintaining water and nitrogen balance in the body <p>Things that will not be assessed:</p> <ul style="list-style-type: none"> Hormones in human reproduction (4.5.3.4) Contraception (4.5.3.5) The use of hormones to treat infertility (spec ref 4.5.4.2) 	<p>Revision - AQA - BBC Bitesize (Page 1)</p> <p>Control of blood glucose concentration by pancreas and insulin - Coordination and control - The human endocrine system - AQA - GCSE Biology (Single Science) Revision - AQA - BBC Bitesize (Pages 4 -6)</p> <p>Importance of water balance in the body - Homeostasis in humans - AQA - GCSE Biology (Single Science) Revision - AQA - BBC Bitesize (Pages 2-8)</p>	<p>https://youtu.be/OHrX3X3LGzI https://youtu.be/bFnO8Uc9gjQ</p> <p>https://youtu.be/gWnIFldDeto https://youtu.be/sRZ7VOelr6g https://youtu.be/zg1GZ0kj878</p>	<p>74</p> <p>75-76</p>
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<ul style="list-style-type: none"> Negative feedback (spec ref 4.5.3.7) 			
<p>Plant hormones (Spec reference 4.5.4)</p> <ul style="list-style-type: none"> Control and coordination (in plants) <p>Things that will not be assessed:</p> <ul style="list-style-type: none"> Uses of plant hormones (spec ref 4.5.4.2) <p><i>Required practical 8:</i> Investigate the effect of light or gravity on the growth of newly germinated seedlings.</p>	<p>Auxins and phototropism - Plant hormones - AQA - GCSE Biology (Single Science) Revision - AQA - BBC Bitesize (Pages 1-4)</p>	<p>https://youtu.be/rKHifsHX1aA</p> <p><i>Required practical 8:</i> https://youtu.be/fEo21LbnJjM</p>	<p>81</p> <p>81</p>

Biology Unit 6 –Inheritance, variation and evolution Higher

Major focus topic area	BBC Bitesize Websites	Video links	Revision guide page numbers
<p>Reproduction (Spec reference 4.6.1)</p>	<p>Asexual reproduction - Reproduction, the genome and gene expression - AQA - GCSE Biology (Single Science) Revision - AQA -</p>		

<ul style="list-style-type: none"> Sexual and asexual reproduction Meiosis DNA and the genome DNA structure (+ protein synthesis and mutations) Genetic inheritance Inherited disorders <p>Things that will not be assessed:</p> <ul style="list-style-type: none"> Advantages and disadvantages of sexual and asexual reproduction (spec ref .,6.1.3) Sex determination (spec ref 4.6.1.8) 	<p>BBC Bitesize (Pages 1,2, 4-10) NOT PAGE 3</p> <p>Genetic inheritance - Genetic inheritance - AQA - GCSE Biology (Single Science) Revision - AQA - BBC Bitesize (Pages 1-4, 6-9) Not page 5</p>	<p>https://youtu.be/LgLkt02HI9s</p> <p>https://youtu.be/micUPynqx9k</p> <p>https://youtu.be/wv1TQXBQ6wQ</p> <p>https://youtu.be/zNEtVaNQ0s8 https://youtu.be/T6_wKPAbf2k https://youtu.be/ubdoUqmNF98 https://youtu.be/3jwDI7nYBPM</p> <p>https://youtu.be/mvWy5lbUoHA https://youtu.be/uhKqmNOiPR8 https://youtu.be/sYPwWHszLDo</p>	<p>87</p> <p>88</p> <p>84</p> <p>85-86</p> <p>91-92</p> <p>93</p> <p>NOT 89-90</p>
<p>Other parts of Unit 6</p> <p>That will not be assessed:</p>			

<ul style="list-style-type: none"> • Variation and evolution (spec ref 4.6.2) • The development of understanding genetic and evolution (spec ref 4.6.3) • Classification of living organisms (spec ref 4.6.4) 			
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Biology Unit 7 – Organisation of an ecosystem Higher

Major focus topic area	BBC Bitesize Websites	Video links	Revision guide page numbers
Organisation of an ecosystem (Spec reference 4.7.2) <ul style="list-style-type: none"> • Levels of organisation (Food chains) • How materials are cycled • Decomposition 	<p>Levels of organisation - Organisation of an ecosystem - AQA - GCSE Biology (Single Science) Revision - AQA - BBC Bitesize (Pages 1-8)</p> <p>How the rate of decay affects temperature, water & oxygen availability - Decomposition - AQA - GCSE Biology (Single Science) Revision - AQA - BBC Bitesize (Pages 1-5)</p>	<p>https://youtu.be/NFTSm3D2xrM</p> <p>https://youtu.be/urzpnjwazV0</p> <p>https://youtu.be/6utMftGxual</p>	<p>109</p> <p>112-113</p> <p>114</p>

<p><i>Required practical 9:</i> Measure the population size of a common species in a habitat</p> <p>Things that will not be assessed:</p> <ul style="list-style-type: none"> • Impact on environmental change (spec ref 4.7.2.4.) 		<p><i>Required practical 9:</i> https://youtu.be/yLHz2Ea10Mg</p>	<p>110-111</p>
<p>Other parts of Unit 7</p> <p>That will not be assessed:</p> <ul style="list-style-type: none"> • Adaptations (spec ref 4.7.1.4) • Biodiversity (spec ref 4.7.3.1) • Deforestation (spec ref 4.7.3.4) • Maintaining biodiversity (spec ref 4.7.3.6) • Trophic levels (spec ref 4.7.4.1) • Pyramids of biomass (spec ref 4.7.4.2) • Sustainable fisheries (spec ref 4.7.5.3) 			

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| <ul style="list-style-type: none">• Role of biotechnology (spec ref 4.7.5.4) | | | |
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