

Subject	Year	Term
<b>Biology</b>	<b>Year 11</b>	<b>1</b>
Topic		
<b>Unit 5 - Homeostasis and Response</b>		
Content (Intent)		
<b>Prior Learning (Topic)</b> Unit 7 Ecology		
<p><b>Unit 5 Homeostasis and Response</b> – Homeostasis, Human nervous system, Reflex arc, Required practical into reaction times, Human endocrine system, Control of blood glucose level and diabetes, negative feedback, hormones in human reproduction, hormonal control of fertility, contraception.</p>		
<b>Future Learning (Topic)</b> Unit 6 Inheritance, Variation and Evolution		
What Knowledge and Skills will be taught (Implementation)	How will your understanding be assessed & recorded (Impact)	
<p><b>Knowledge</b>  <b>Homeostasis -Nervous System</b>            Homeostasis, Human nervous system, Reflex arc, Required practical into reaction times, the eye, brain control of temperature.  <b>Homeostasis – Endocrine system</b>            Human endocrine system, Control of blood glucose level and diabetes, negative feedback, hormones in human reproduction, hormonal control of fertility, contraception, plant hormones,  <b>Practical Skills</b> – Required practical activity - Plan and carry out an investigation into the effect of a factor on human reaction time. Required practical into the effect of light on seedling growth.</p> <p><b>Maths Skills</b> – Interpretation of data, calculating means, reading graphs.  <b>Interleaving Topics</b>  <b>Unit 1 Cells, Unit 2 Organisation and Unit 4 Bioenergetics</b> – Key Terms and concepts will be reviewed prior to the start of the Unit 5 such as specialised cells, the circulatory system and respiration.</p>	<p><b>Key Piece of work (Homework)</b>            Pupils given a percentage and formative feedback provided.</p> <p><b>End of topic test</b>            Pupils given a percentage and GCSE equivalent grade. Formative feedback provided.</p> <p><b>Year 11 Assessment 2.</b>            Pupils given a percentage and GCSE equivalent grade. Formative feedback provided.</p>	
How can parents help at home?		
<p>Ensure all class notes are complete, sheets are stuck in and homework submitted on time            Assist in ensuring the active use of the EDUCAKE online learning platform where each pupil is given a personal log on from their teachers.            Encourage pupils to revise for tests and exams and to create revision resources such as flash cards and posters.            Ensure all pupils have all their resources required for science lessons, including booklets, pens and calculators</p>		
Helpful further reading/discussion (including Reading and Vocabulary Lists)		
<p><b>Reading</b>            AQA revision guides            AQA revision cards            Resources on Teams            EDUCAKE online learning platform.</p>	<p><b>Vocabulary Lists</b></p> <ul style="list-style-type: none"> <li>Homeostasis</li> <li>Endocrine System (FSH)</li> <li>Stimulus</li> <li>Insulin (LH)</li> <li>Receptors</li> <li>Glucagon</li> </ul>	<ul style="list-style-type: none"> <li>In Vitro Fertilisation (IVF)</li> <li>Type 1 Diabetes</li> <li>Reflex Action</li> <li>Effectors</li> <li>Type 2 Diabetes</li> <li>Oestrogen</li> <li>Retina</li> <li>Auxins</li> </ul>