



Subject	Year	Term
Biology	Year 11	1
Topic		
Unit 5 - Homeostasis and Response		
Content (Intent)		
Prior Learning (Topic)	Unit 7 Ecology	
Unit 5 Homeostasis and Response – 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.		
Future Learning (Topic)	Unit 6 Inheritance, Variation and Evolution	
What Knowledge and Skills will be taught (Implementation)	How will your understanding be assessed & recorded (Impact)	
<p>Knowledge</p> <p>Homeostasis -Nervous System Homeostasis, Human nervous system, Reflex arc, Required practical into reaction times.</p> <p>Homeostasis – Endocrine system Human endocrine system, Control of blood glucose level and diabetes, negative feedback, hormones in human reproduction, hormonal control of fertility, contraception.</p> <p>Practical Skills – Required practical activity Plan and carry out an investigation into the effect of a factor on human reaction time.</p> <p>Maths Skills – Interpretation of data, calculating means, reading graphs.</p> <p>.</p>	<p>Key Piece of work (Homework) Pupils given a percentage and formative feedback provided for a targeted piece of homework so that they can respond to the teacher and make progress in the topic.</p> <p>End of topic test Pupils given a percentage, formative feedback and GCSE equivalent grade. Formative feedback provided.</p> <p>Year 11 end of term 1, 2 and year exams Pupils given a percentage, formative feedback and GCSE equivalent grade.</p> <p>Interleaving Topics Unit 1 Cells and Unit 4 Bioenergetics – Key Terms and concepts will be reviewed prior to the start of the Unit 5 such as specialised cells and respiration.</p>	
How can parents help at home?		
<p>Ensure all class booklets are complete and homework submitted on time</p> <p>Assist in ensuring the active use of the EDUCAKE online learning platform where each pupil is given a personal log on from their teachers.</p> <p>Encourage pupils to revise for tests and exams and to create revision resources such as flash cards and posters.</p> <p>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>Reading</p> <p>AQA revision guides</p> <p>AQA revision cards</p> <p>Resources on Teams</p> <p>EDUCAKE online learning platform.</p> <p>GCSE POD</p>	<p>Vocabulary Lists</p> <p>Homeostasis</p> <p>Endocrine System (FSH)</p> <p>Stimulus</p> <p>Insulin (LH)</p> <p>Receptors</p> <p>Glucagon</p>	<p>In Vitro Fertilisation (IVF)</p> <p>Type 1 Diabetes</p> <p>Reflex Action</p> <p>Effectors</p> <p>Type 2 Diabetes</p> <p>Oestrogen</p>