

Subject	Year	Term
GCSE Science	1	1/2
Topic		
11B2 – Homeostasis		
Content (Intent)		
Prior Learning (Topic) Year 9: B1 – Cells, B2a – Organisation (Transport)		
<div>1. Body processes – metabolism and homeostasis</div> <div>2. The Human Nervous System</div> <div>3. Required prac 6 – Reaction times</div> <div>4. Human endocrine system and control of blood glucose</div> <div>5. HT only – Diabetes (FT & HT) and Negative Feedback (HT only)</div> <div>6. Hormones in Reproduction</div> <div>7. Contraception</div> <div>8. HT – Using hormones to treat infertility</div>		
Future Learning (Topic) Year 13 Biology – Responding to Stimuli (Internal and External)		
How will knowledge and skills be taught? (Implementation)	How will your understanding be assessed & recorded (Impact)	
Demos Testing urine for blood glucose	<div>- 2 x standard homeworks (Level given. Written feedback. Response expected.)</div> <div>- Assessment in the November mock exam and GCSE exams in the summer.</div>	
Practical work Required practical 6 – reaction times		
Written Notes and completed worksheets in exercise books, research tasks using fact cards.		
How can parents help at home?		
<div>Look at the topic specific resources on the VLE.</div> <div>Look at the CGP GCSE Revision guide.</div> <div>Use appropriate Youtube channels: cognito, primrosekitten, khan academy, freesciencelessons.</div> <div>Take an interest! Ask your children what they have learnt and be curious about their learning.</div>		
Helpful further reading/discussion		
Reading <i>Horrible Sciences</i> <i>newscientist.com</i> <i>catalyst-magazine.org</i>	Vocabulary Lists <i>Metabolism, homeostasis, negative feedback, insulin, glucagon, glucose, glycogen, hormones, thyroxine, adrenaline, FSH, LH, oestrogen, progesterone, contraception.</i>	Careers Links <i>Medicine (doctor/nurse)</i> <i>Scientific Research</i> <i>Veterinary medicine</i>