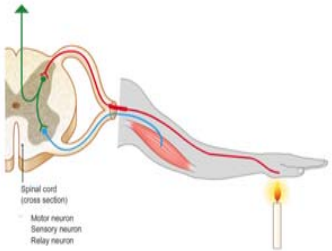
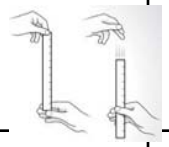
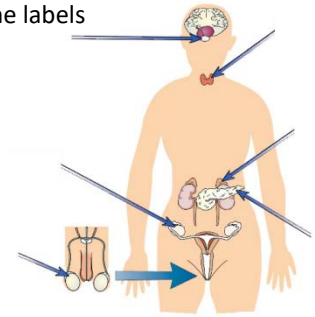
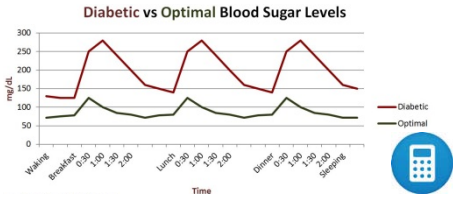
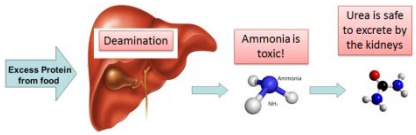
B5 Homeostasis and response **AQA Triple science**	Define homeostasis List 3 things that need to be kept in homeostasis in the human body • • •	**Draw a flow chart to show the action of the reflex arc below.**  	**Why is the reflex arc important?** **Name the 3 types of neurone in the reflex arc** **What is a synapse and how does it work?**
<u>RPA 7:</u> Reaction times Explain why using a computer to measure reaction times is better than the ruler drop method. 			
			Complete the labels 
			What is the endocrine system and how does it work? Describe the role of the pituitary gland

B5 Homeostasis and response **AQA Triple science**	Compare type 1 and type 2 diabetes		
Where is blood glucose monitored? Describe the two roles of insulin in lowering blood glucose levels • •	Describe the effect of insulin on people with and without diabetes 	Water levels are controlled by the hormone _____. It is released by the _____ gland into the _____ and affects the permeability of the _____ tubules. ADH causes _____ water to be absorbed back into the blood. It is controlled by _____ feedback	What is meant the term secondary sex characteristics and what causes these to occur?
Describe what occurs if blood glucose levels are too low KW: glucagon, glycogen, pancreas	Describe how excess amino acids are removed from the body safely 		Where are the following hormones produced and what are their functions? Oestrogen Testosterone
Explain how glucagon interacts with insulin in a negative feedback cycle to control blood glucose levels	List 3 ways that water is lost from the body • • • Name 2 ways that urea and ions are lost from the body • •		List the 4 hormones involved in the menstrual cycle and give their functions • • • •

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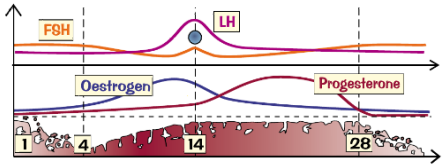
Explain how hormones interact to control the menstrual cycle 	Describe the steps involved in IVF treatment 		
Explain how the following contraceptives work: Oral contraceptives Injection/ implant/ skin patch	List three negative impacts of fertility treatment on a couple • • •		
Explain how the following contraceptives work: Barrier methods (condoms/ diaphragms) Spermicidal agents	Explain how the following contraceptives work: IUD Abstianing Surgical methods		