



You will learn about:

- The nervous system and the endocrine system.
- Human reproduction and how we can use hormones to improve and reduce fertility.
- The processes of homeostasis within the human body.

You will be able to:

- Investigate reaction times of the human body

<p>Key learning points</p> <table border="1"> <tr><td>Homeostasis</td><td></td></tr> <tr><td>The nervous system</td><td></td></tr> <tr><td>Reaction times</td><td></td></tr> <tr><td>Reflex actions</td><td></td></tr> <tr><td>Brain and eye</td><td></td></tr> <tr><td>The endocrine system</td><td></td></tr> <tr><td>Controlling blood glucose and diabetes</td><td></td></tr> <tr><td>Controlling body temperature</td><td></td></tr> <tr><td>Controlling blood glucose</td><td></td></tr> <tr><td>Kidney function and failure</td><td></td></tr> <tr><td>Human reproduction system</td><td></td></tr> <tr><td>IVF and contraception</td><td></td></tr> <tr><td>Negative feedback</td><td></td></tr> <tr><td>Control and coordination in plants</td><td></td></tr> <tr><td>Plant hormones</td><td></td></tr> </table>					Homeostasis		The nervous system		Reaction times		Reflex actions		Brain and eye		The endocrine system		Controlling blood glucose and diabetes		Controlling body temperature		Controlling blood glucose		Kidney function and failure		Human reproduction system		IVF and contraception		Negative feedback		Control and coordination in plants		Plant hormones		<p>Key Words</p> <p>Endocrine system, homeostasis, hormone, central nervous system, neurone, receptor, reflex action, relay neurone, synapse, reaction time negative feedback, thermoregulatory centre, vasoconstriction, vasodilation, glucagon, insulin, diabetes, dialysis, FSH, LH, oestrogen, progesterone, contraceptive pill,</p>	
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<p>Links to other subjects:</p> <p>Numeracy:</p> <ul style="list-style-type: none"> - Translate information between graphical and numeric form. - Plot two variables from experimental or other data. <p>SMSC:</p> <ul style="list-style-type: none"> - Explain every day and technological applications of science. - Evaluate associated personal, social, economic and environmental implications, and make decisions on the evaluation of evidence and arguments. <p>Literacy:</p> <ul style="list-style-type: none"> - Use scientific vocabulary, terminology and definitions. 																																				
Research	Note-making	Group work & discussion	Memorisation	Precision & accuracy	Independence	Reflection																														