



**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><b>Key learning points</b></p>		<p style="text-align: center;"><b>Key Words</b></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>
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><b>Links to other subjects:</b></p>		
<p>Numeracy:</p>		
<ul style="list-style-type: none"> <li>- Translate information between graphical and numeric form.</li> <li>- Plot two variables from experimental or other data.</li> </ul>		
<p>SMSC:</p>		
<ul style="list-style-type: none"> <li>- Explain every day and technological applications of science.</li> <li>- Evaluate associated personal, social, economic and environmental implications, and make decisions on the evaluation of evidence and arguments.</li> </ul>		
<p>Literacy:</p>		
<ul style="list-style-type: none"> <li>- Use scientific vocabulary, terminology and definitions.</li> </ul>		