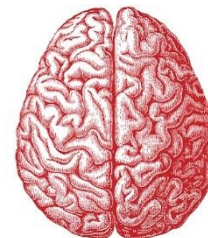


Unit Overview – B5 Homeostasis and response

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.

Key Words

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,

Key learning points

Homeostasis

The nervous system

Reaction times

Reflex actions

The endocrine system

Controlling blood glucose and diabetes

Human reproduction system

IVF and contraception

Negative feedback

Links to other subjects:

Numeracy:

- Translate information between graphical and numeric form.
- Plot two variables from experimental or other data.

SMSC:

- 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.

Literacy:

- Use scientific vocabulary, terminology and definitions.