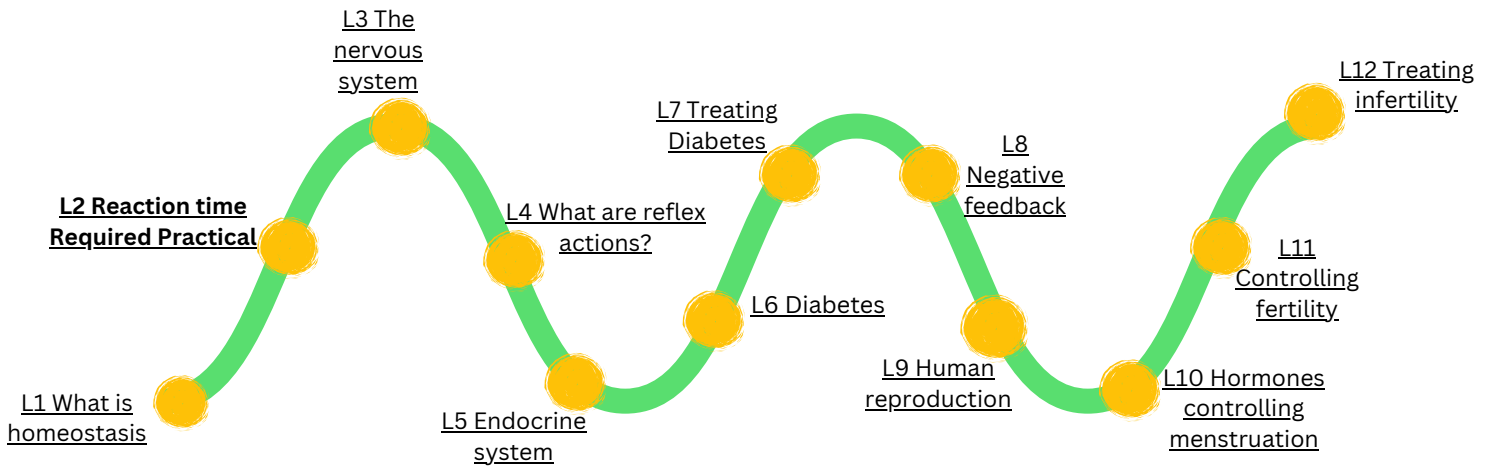


B5 Homeostasis and Response

COMBINED

Biology Paper 2

In this unit you will learn how the body maintains a stable internal environment through homeostasis, including the regulation of temperature, water, and blood glucose levels. You will explore the roles of the nervous and hormonal systems in detecting and responding to changes, including reflex arcs. The topic also covers the human endocrine system, including detailed mechanisms of menstrual cycle control and fertility treatments.



Key words

- Central nervous system CNS
- Effectors
- Homeostasis
- motor neuron
- nerve
- neurones
- receptors
- reflex arcs
- reflexes
- oestrogen
- ovaries
- ovulation
- sensory neuron
- stimuli
- adrenaline
- contraception
- endocrine system
- FSH
- glucagon
- hormones
- insulin
- pituitary gland
- testosterone
- type 1 diabetes
- type 2 diabetes

Revision Resources

[Sample exam style questions](#)

[Cognito Topic 5 Homeostasis and Response](#)

[BBC Homeostasis and Response](#)

[Free Science Lessons](#)

[Seneca Learning](#)

[Reaction time](#)

[required practical](#)