Year 9 Science - Student Outcomes

Body Coordination

By the end of this unit, students should be able to:

• explain the role of the nervous system in controlling and coordinating the functioning body
• explain the role of the endocrine system, including its role in coordinating body functioning
• discuss the interaction of the nervous and endocrine systems in coordinating the body’s response to changes in the internal and external environments
• demonstrate the use of models to explain how body systems work together
• explain how all the body systems work together to provide the needs of the body and maintain an internal environment that supports the functioning cells.

Vocabulary List

There will be a spelling and vocabulary test on the following words before the topic test.

• axon
• cerebrum
• cerebellum
• dendrites
• myelin sheath
• neurone
• neurotransmitter
• optic nerve
• reflex actions
• stimulus
• synapse
• adrenal glands
• endocrine system
• glycogen
• homeostasis
• hormones
• insulin
• target cells
• metabolism
• catalyst
• enzyme
• mitochondria

Assessment

• There will be a vocabulary test on chapter 7, and a combined topic test on chapters 7 and 8.
• Unit 7 will take approximately 4 weeks.

DATE OF TOPIC TEST: