



ST NINIAN'S HIGH SCHOOL
NATIONAL 4 BIOLOGY LEARNING INTENTIONS
UNIT 2: MULTICELLULAR ORGANISMS



SECTION 5: BIOLOGICAL RESPONSES

Nervous System

1. State that the CNS is composed of brain and spinal cord
2. Describe basic function of nerves
3. Explain how the CNS allows rapid responses to environmental change
4. Define a reflex response as a rapid response to an environmental change
5. Give examples of reflex responses

Biological actions in response to external changes to maintain stable body conditions

6. Describe different receptors for each of the 5 senses
7. Investigate density of touch receptors in the skin

Biological actions in response to internal changes to maintain stable body conditions

1. Describe need to maintain internal body conditions at a stable point (Homeostasis)
2. Investigate the effect of changing external body temperature on internal body temperature
3. Understand the importance on maintaining blood glucose levels
4. Explain what happens when glucose levels are not maintained
5. Research causes of diabetes