



# SCIENCE YEAR 8 (CCP)

## Learning Outcomes – **Qualitative Feedback**

### **SCI CCP LOF 8.1 Unit: Healthy Living**

- I can use my knowledge of healthy and unhealthy foods to choose a balanced diet from a range of diets.
- I can identify the main organs of the digestive system.
- I can describe poor diet, lack of exercise, smoking, vaping and cannabis use as unhealthy habits.
- I can explain how hygiene practices and medicine help prevent and/or treat infections and diseases.

### **SCI CCP LOF 8.2 Unit: Investigating Chemicals**

- I can name some common chemicals and recall some properties.
- I can investigate simple chemical reactions and recognise evidence of chemical change.
- I can describe solutions and distinguish between soluble and insoluble substances.
- I can use different separation techniques to separate substances in mixtures.

### **SCI CCP LOF 8.3 Unit: Energy Around Us**

- I can work safely and responsibly with others while carrying out and communicating a scientific project.
- I can identify different forms of energy and describe how energy changes in everyday situations.
- I can identify and investigate food as a source of energy.
- I can build and investigate simple electrical circuits safely using basic electrical components.

### **SCI CCP LOF 8.4 Unit: Forensic Science**

- I can carry out simple forensic investigations, identify patterns and explain my findings.
- I can identify some types of human teeth and link them to their function.
- I can apply techniques, including chromatography and flame tests, in forensic investigations.
- I can apply friction and air resistance in forensic investigations.

## SCI CCP LOF 8.5 Unit: Light and Sound

- I can describe key ideas about light, including how it travels, how it is reflected, and how shadows are formed.
  - I can identify the structure and function of the human eye and explain how to protect it from damage.
  - I can describe how sound is produced and how it travels through different materials.
  - I can identify the structure and function of the human ear and explain how to protect it from damage.
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