

INTEGRATED SCIENCE

FORM 1 / YEAR 7 LOs QUALITATIVE FEEDBACK

Feedback to be given on 7 LOs per term.

TERM 1:

SCI LOF 7.1 - Unit: SCIENTISTS AT WORK - Focus: WHAT DO SCIENTISTS DO?

I can recall important laboratory safety rules.

I can light the Bunsen burner safely.

I can use basic science apparatus and measuring instruments correctly.

I can perform simple experimental tasks within my group.

SCI LOF 7.2 - Unit: LIVING THINGS AND THE ENVIRONMENT – Focus: LIFE ON EARTH

I can differentiate between vertebrates, invertebrates and the five groups of vertebrates.

I can identify examples of local habitats and some locally occurring plants and animals.

I can describe feeding relationships through food chains and food webs.

TERM 2:

SCI LOF 7.3 - Unit: UNDERSTANDING MATTER – Focus: CHEMICAL SCIENCE

I can use the particle model to explain the properties of solids, liquids and gases.

I can explain the terms melting, freezing, evaporating, condensing and boiling.

SCI LOF 7.4 - Unit: WHAT IS ENERGY? – Focus: ENERGY

I can identify different forms of energy such as stored, movement, heat, electrical, light and sound.

I can use energy transfer diagrams to show how forms of energy change in different situations.

I can ask simple scientific questions which I can investigate in practice.

SCI LOF 7.5 - Unit: ELECTRICITY – Focus: ENERGY

I can construct basic electrical circuits and describe the characteristics of series and parallel circuits.

I can link conductors and insulators with examples of everyday use.

TERM 3:

SCI LOF 7.6 - Unit: ACIDS AND ALKALIS – Focus: CHEMICAL SCIENCE

I can name common acids and alkalis.

I can use the universal indicator to find the pH of some common acids and alkalis.

I can recall everyday examples of neutralisation.

SCI LOF 7.7 - Unit: CELLS AND REPRODUCTION – Focus: CELLS AND BODY SYSTEMS

I can recall the basic parts of the light microscope.

I can draw a typical plant and animal cell and identify some specialised cells.

I can identify the main parts of the male and female reproductive systems.

I can describe in simple terms fertilisation and pregnancy.