

INTEGRATED SCIENCE

FORM 2 / YEAR 8 LOs QUALITATIVE FEEDBACK

Feedback to be given on 7 LOs per term.

TERM 1

SCI LOF 8.1 - Unit: HEALTHY LIVING - Focus: CELLS AND BODY SYSTEMS

I can apply my understanding of a balanced diet to suggest improvement to what I eat

I can name red blood cells, white blood cells, platelets and plasma as the main components of blood and describe their function.

I can describe how microbes can be useful and identify examples.

I discuss the importance of vaccines to prevent the disease and slow down the spread of disease.

SCI LOF 8.2 - Unit: ELEMENTS, COMPOUNDS AND MIXTURES – Focus: CHEMICAL SCIENCE

I can name some examples of elements.

I can describe the periodic table as the list of elements and identify metals and non-metals.

I can use a set criteria (such as production of a gas, effervescence, change in colour, production of an insoluble substance /precipitate, a change in temperature, change in pH and a production of a new substance as an indicator of a chemical change.

TERM 2

SCI LOF 8.3 - Unit: SEPARATING MIXTURES – Focus: CHEMICAL SCIENCE

I can show that some substances dissolve in water (soluble) and others do not (insoluble).

I can link the separation techniques of using a sieve, magnets, filtration, evaporation and distillation to everyday processes.

SCI LOF 8.4 - Unit: LIGHT AND SOUND – Focus: SENSES

I can draw rays to show how objects can be seen.

I can describe the function of the different parts of the eye.

I can relate the movement of sound in solids, liquids and gases to the particle model.

SCI LOF 8.5 – Unit: FORENSIC SCIENCE – Focus: WHAT DO SCIENTISTS DO?

I can assess simple observations of a situation and match pieces of evidence.

I can evaluate the effect of friction on different surfaces and its use in everyday life.

TERM 3

SCI LOF 8.6 - Unit: CLIMATE CHANGE – Focus: LIFE ON EARTH

I can identify energy sources as renewable (solar, wind and biomass) or non-renewable (fossil fuels, nuclear).

I can describe sustainable practices to reduce pollution.

SCI LOF 8.7 - Unit: FIELDWORK – Focus: LIFE ON EARTH

I can carry out observations during a fieldwork activity.

I can describe different conservation practices.

SCI LOF 8.8 - Unit: EARTH AND SPACE – Focus: EARTH AND SPACE

I can describe the Solar System as made up of the Sun and all the planets orbiting it.

I can describe weight as the downward force caused by gravity.

I can explain some benefits of space exploration such as the use of GPS, weather forecasting and communication.