

Sciences - Planet Earth
Fourth Level SCN 4-01a

I understand how animal and plant species depend on each other and how living things are adapted for survival. I can predict the impact of population growth and natural hazards on biodiversity.

Sciences - Planet Earth
Fourth Level SCN 4-02a

I have propagated and grown plants using a variety of different methods. I can compare these methods and develop my understanding of their commercial use.

Sciences - Planet Earth
Fourth Level SCN 4-02b

I can contribute to the design of an investigation to show the effects of different factors on the rate of aerobic respiration and explain my findings.

Sciences - Planet Earth
Fourth Level SCN 4-03a

Through investigating the nitrogen cycle and evaluating results from practical experiments, I can suggest a design for a fertiliser, taking account of its environmental impact.

Sciences - Planet Earth
Fourth Level SCN 4-04a

By contributing to an investigation on different ways of meeting society's energy needs, I can express an informed view on the risks and benefits of different energy sources, including those produced from plants.

Sciences - Planet Earth
Fourth Level SCN 4-04b

Through investigation, I can explain the formation and use of fossil fuels and contribute to discussions on the responsible use and conservation of finite resources.

Sciences - Planet Earth
Fourth Level SCN 4-05a

I have developed my understanding of the kinetic model of a gas. I can describe the qualitative relationships between pressure, volume and temperature of gases.

Sciences - Planet Earth
Fourth Level SCN 4-05b

Through exploring the carbon cycle, I can describe the processes involved in maintaining the balance of gases in the air, considering causes and implications of changes in the balance.

Sciences - Planet Earth
Fourth Level SCN 4-06a

By researching developments used to observe or explore space, I can illustrate how our knowledge of the universe has evolved over time.