

Sciences - Planet Earth
Third Level SCN 3-01a

I can sample and identify living things from different habitats to compare their biodiversity and can suggest reasons for their distribution.

Sciences - Planet Earth
Third Level SCN 3-02a

I have collaborated on investigations into the process of photosynthesis and I can demonstrate my understanding of why plants are vital to sustaining life on Earth.

Sciences - Planet Earth
Third Level SCN 3-03a

Through investigations and based on experimental evidence, I can explain the use of different types of chemicals in agriculture and their alternatives and can evaluate their potential impact on the world's food production.

Sciences - Planet Earth
Third Level SCN 3-04a

I can use my knowledge of the different ways in which heat is transferred between hot and cold objects and the thermal conductivity of materials to improve energy efficiency in buildings or other systems.

Sciences - Planet Earth
Third Level SCN 3-04b

By investigating renewable energy sources and taking part in practical activities to harness them, I can discuss their benefits and potential problems.

Sciences - Planet Earth
Third Level SCN 3-05a

By contributing to experiments and investigations, I can develop my understanding of models of matter and can apply this to changes of state and the energy involved as they occur in nature.

Sciences - Planet Earth
Third Level SCN 3-05b

I can explain some of the processes which contribute to climate change and discuss the possible impact of atmospheric change on the survival of living things.

Sciences - Planet Earth
Third Level SCN 3-06a

By using my knowledge of our solar system and the basic needs of living things, I can produce a reasoned argument on the likelihood of life existing elsewhere in the universe.