



Content - Big ideas

B1.1 – Cells

Big Question: What are living things made of?

Learning Outcome: Understand what plants and animals are made of and see organisms and parts of cells that can only be seen under a microscope.

B1.2 Body Systems

Big Question: What structures keep us alive?

Learning Outcome: Explore how different cells, tissues and organs work together to keep organisms alive.

B1.3 – Reproduction

Big Question: How are new organisms created?

Learning Outcome: Discover how new plants and animals are created through the processes of reproduction.

Prior learning

- QE2 introduction to science module & Working Scientifically
- Lifecycles of plants and animals
- Different parts of plants and animals
- Conditions for living things to survive

Global/IOM/Subject Links

Global & IOM links:

Aging Population, Population Growth, Stresses on the healthcare system, microbiology.

Subject:

Cells and Body Systems → P.E

Reproduction → PSHE

Subject specific skills development

Safely using science equipment and working in a lab

Planning investigation & Recording data

Graphing

Analysis data

Concluding

Evaluating data