

Sciences - Biological Systems
Fourth Level SCN 4-12a

I can explain how biological actions which take place in response to external and internal changes work to maintain stable body conditions.

Sciences - Biological Systems
Fourth Level SCN 4-12b

Through investigation, I can explain how changes in learned behaviour due to internal and external stimuli are of benefit to the survival of species.

Sciences - Biological Systems
Fourth Level SCN 4-13a

By researching cell division, I can explain its role in growth and repair and can discuss how some cells can be used therapeutically.

Sciences - Biological Systems
Fourth Level SCN 4-13b

I have taken part in practical activities which involve the use of enzymes and microorganisms to develop my understanding of their properties and their use in industries.

Sciences - Biological Systems
Fourth Level SCN 4-13c

I can debate the moral and ethical issues associated with some controversial biological procedures.

Sciences - Biological Systems
Fourth Level SCN 4-14a

Through investigation, I can compare and contrast how different organisms grow and develop.

Sciences - Biological Systems
Fourth Level SCN 4-14b

Through evaluation of a range of data, I can compare sexual and asexual reproduction and explain their importance for survival of species.

Sciences - Biological Systems
Fourth Level SCN 4-14c

I can use my understanding of how characteristics are inherited to solve simple genetic problems and relate this to my understanding of DNA, genes and chromosomes.