

Biology

Outcomes	Movement	Cells	Interdependence	Plant Reproduction	Variation	Human Reproduction
Emerging	I can state some of the roles of an internal skeleton	I can label the main parts of an animal cell	I can draw a simple food chain	I can identify the parts of a flower	I can state that there is variation between individuals of the same species	I can state the different cell types that are needed for fertilisation to take place
Developing	I can explain how a physical property of part of the skeleton relates to its job	I can identify the main differences between animal and plant cells	I can describe how a species population changes as its predator or prey population changes	I can link the structure of parts of a flower to their role	I can explain whether characteristics are inherited, environmental or both	I can explain whether substances are passed from the mother to the foetus or not
Secure	I can explain how antagonistic muscles produce movement around a joint	I can explain the difference between a cell, tissue and organ	I can combine food chains to form food webs	I can describe the main steps that take place when a plant reproduces successfully	I can explain that variation helps species survive in an ever changing environment	I can use a diagram to show the stages in the development of a foetus from the production of sex cells to birth
Advanced	I can use a diagram to predict the result of a muscle relaxation or contraction	I can explain how a specialised cell is adapted to its function	I can explain the effects of environmental changes and toxic materials on a species' population	I can suggest how a plant carries out seed dispersal based on the features of its fruit or seed	I can explain how the characteristics of a species are adapted to particular environmental conditions	I can identify the key events of the menstrual cycle
Excelling	I can predict the consequences of damage to a joint, bone or muscle	I can deduce how the structure of a specialised cell relates to its function	I can suggest what might happen when an unfamiliar species is introduced into a food web	I can explain the similarities and differences between the structures of wind pollinated and insect pollinated plants	I can predict the implications of a change in the environment on a population	I can explain why pregnancy is more or less likely at certain stages of the menstrual cycle