

Curriculum Links and Inquiry Slider

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Year 7

Multicellular organisms contain systems of organs that carry out specialised functions that enable them to survive and reproduce

Processes and analyses data from a first-hand investigation and secondary sources to identify trends, patterns and relationships, and draw conclusions.

Identify questions and problems that can be investigated scientifically and make predictions based on scientific knowledge

Collaboratively and individually plan and conduct a range of investigation types, including fieldwork and experiments, ensuring safety and ethical guidelines are followed

Year 8

Processes, analyses and evaluates data from first-hand investigations and secondary sources to develop evidence-based arguments and conclusions

Identify questions and problems that can be investigated scientifically and make predictions based on scientific knowledge

Multicellular organisms contain systems of organs that carry out specialised functions that enable them to survive and reproduce

Year 9

The values and needs of contemporary society can influence the focus of scientific research

Relates the structure and function of living things to their classification, survival and reproduction

Formulate questions or hypotheses that can be investigated scientifically

Year 10

Analyses interactions between components and processes within biological systems

Formulate questions or hypotheses that can be investigated scientifically

	Demonstrated inquiry	Prescribed inquiry	Structured inquiry	Guided inquiry	Open inquiry
Questions	No question	Teacher provides question	Learner sharpens question	Learner selects question	Learner poses questions
Plans	No planning	Teacher provides procedure	Teacher discusses possible plans	Learner guided while planning	Learner determines plans
Conducts	Teacher conducts	Learner told how to conduct and record	Learner sharpens plan and conducts	Learner guided while conducting and recording	Learner conducts and records
Analyse	Teacher analyses	Learner told how to analyse data	Teacher discusses possible analyses	Learner guided in analysis	Learner analyses data identifying trends
Problem Solve	No problem solving	Teacher provides reasoning and links	Teacher discusses reasoning and conclusion	Learner guided in reasoning and formulate conclusion	Learner reasons to formulate conclusions
Communicate	No conclusion	Teacher writes conclusion	Learner writes conclusion	Learner guided on justifying findings and communicating	Learner justifies findings and conclusions