



STUDY GUIDE

Year 10 Science

Theory of Evolution

Chapter 3

Assessment

Task page 37

End of Chapter Test

Chapter	Content Description	Elaborations
Theory of Evolution Chapter 3 (4 weeks)	The theory of evolution by natural selection explains the diversity of live things and is supported by a range of scientific evidence (ACSSU185)	<ul style="list-style-type: none">★ Outline processes involved in natural selection including variation, isolation and selection.★ Describe biodiversity as a function of evolution.★ Investigate changes caused by natural selection in a particular population as a result of a specified selection pressure such as artificial selection in breeding for desired characteristics.★ Relate genetic characteristics to survival and reproductive rates.★ Evaluate and interpret evidence for evolution, including the fossil record, chemical and anatomical similarities, and geographical distribution of species.