

VCE Biology



GREAT OCEAN ROAD
COAST & PARKS AUTHORITY

VICTORIAN CURRICULUM LINKS

Updated 7 January 2022

Biology	Study design / key knowledge notes
Unit 2: Area of Study 2 – Outcome 2 <i>How do inherited adaptations impact on diversity?</i>	Reproductive strategies <ul style="list-style-type: none">• biological advantages and disadvantages of asexual reproduction• biological advantages of sexual reproduction in terms of genetic diversity of offspring Adaptations and diversity <ul style="list-style-type: none">• the biological importance of genetic diversity within a species or population• structural, physiological and behavioural adaptations that enhance an organism's survival and enable life to exist in a wide range of environments• survival through interdependencies between species, including impact of changes to keystone species and predators and their ecological roles in structuring and maintaining the distribution, density and size of a population in an ecosystem• the contribution of Aboriginal and Torres Strait Islander peoples' knowledge and perspectives in understanding adaptations of, and interdependencies between, species in Australian ecosystems