



Government of South Australia
Department for Education



Local Delivery SACE and VET Subject Outline 2020

Delivery School	Tumby Bay Area School
Subject Name	Biology
SACE level	Stage 2
Subject Description	<p>Stage 2 Biology focuses on the development of an understanding of the overarching principles of biology, such as the relationship between structure and function, the importance of regulation and control, and the need for the exchange of materials and the transformation of energy. These principles, together with that of the continuity of life, involving adaptation and change, provide a framework within which students can explore aspects of biology from the microscopic to the macroscopic, and make sense of the living world.</p> <p>The topics for Stage 2 Biology are:</p> <ul style="list-style-type: none">• Topic 1: DNA and Proteins• Topic 2: Cells as the Basis of Life• Topic 3: Homeostasis• Topic 4: Evolution
Assessment	<p>The following assessment types enable students to demonstrate their learning in Stage 2 Biology:</p> <p>School Assessment (70%)</p> <ul style="list-style-type: none">• Assessment Type 1: Investigations Folio (30%)• Assessment Type 2: Skills and Applications Tasks (40%) <p>External Assessment (30%)</p> <ul style="list-style-type: none">• Assessment Type 3: Examination (30%). <p>Students provide evidence of their learning through eight assessments, including the external assessment component. Students complete:</p> <ul style="list-style-type: none">• at least two practical investigations• one investigation with a focus on science as a human endeavour• at least three skills and applications tasks• one examination.
Period of delivery	Full Year (20 units)



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Intended Delivery Method:	<ul style="list-style-type: none">• Flipped Learning delivered via Microsoft Teams or Learner Management System (selected resources can be previewed at https://www.youtube.com/user/astanley1971/playlists?view=1&flow=grid&view_as=subscriber)• Two weekly video conferences using Skype for Business or Teams• 8 face to face half day sessions a year for formative and summative practicals
Intervention Support (including flexibility)	<ul style="list-style-type: none">• Continuous assessment will be available through Learner Management System• If an assessment task does not meet the minimum C- level, or a draft is not submitted by draft deadline, the teacher will communicate with the parents/caregivers and home school contact to negotiate support strategies.
Reporting	<ul style="list-style-type: none">• Parents/caregivers and the student are notified of achievement for all assessment tasks via Microsoft Teams or the Learner Management System.• Any other reporting as negotiated with the home school.
Cost	<ul style="list-style-type: none">• \$1200 per student (there may be some additional costs associated with travel depending on proximity to TBAS or other participating schools)• Commitment to Pay paperwork needs to be completed for: Biology Workbook (approx. \$65) and Biology Revision Guide (approx. \$29)
Curriculum Considerations	<ul style="list-style-type: none">• A scientific or graphics calculator is required.• It is recommended that the student has achieved a C or better in 2 semesters of Stage 1 Biology
LD Delivery school policies relevant to receiving school/student	<ul style="list-style-type: none">• Deadline and Plagiarism policies in line with SACE Expectations and TBAS Deadline Key Process.• Flexibilities in the SACE strategies will be employed where necessary or appropriate