



Government of South Australia
Department for Education



Local Delivery SACE and VET Subject Outline 2020

Delivery School	Tumby Bay Area School
Subject Name	Chemistry
SACE level	Stage 2
Subject Description	<p>Stage 2 Chemistry builds on the principles and concepts of chemistry introduced in Stage 1 Chemistry.</p> <p>Science inquiry skills and science as a human endeavour are integral to student's learning in this subject and are interwoven through the science understandings, which are organised into four topics.</p> <p>Using an inquiry approach to learning through observation, speculation, prediction, experimentation, analysis, evaluation, and communication, students develop and extend their science inquiry skills and reinforce their understanding of science as a human endeavour.</p> <p>The topics for Stage 2 Chemistry are:</p> <ul style="list-style-type: none">• Topic 1: Monitoring the Environment• Topic 2: Managing Chemical Processes• Topic 3: Organic and Biological Chemistry• Topic 4: Managing Resources.
Assessment	<p>The following assessment types enable students to demonstrate their learning in Stage 2 Chemistry:</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/playlist?list=PL6cRiksFMav8cHyV96WgXwzC7HEypG8Ni)• 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: Chemistry Workbook (approx. \$65) and Chemistry 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 Chemistry
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