**Local Delivery SACE and VET Subject Outline 2020**

(To be completed by Delivery school and emailed to Pathways Team)

|  |  |
| --- | --- |
| Delivery School | Port Lincoln High School |
| Subject Name | Stage 1 Biology 1 |
| SACE level | Stage 1 |
| Subject Description | The study of biology is constructed around understanding the diversity of life as it has evolved, the structure and function of living things, and how they interact with their own species, other species and their environments.  Topics: Cells and Microorganisms/ Biodiversity and Ecosystems:  Students examine the development of the cell theory, the exchange of materials, and processes required for cell survival, both in Prokaryotic and Eukaryotic cells. Students learn about the conditions necessary for the growth and survival of microorganisms, their role in decomposition and food spoilage, and the uses of microorganisms. They investigate diverse ecosystems, exploring both biotic and abiotic components, including the interactions between species. Students use classification keys to identify organisms, describe the biodiversity in ecosystems, and investigate interactions between species. |
| Period of delivery | Semester |
| Intended Delivery Method: | The equivalent of 3 @ 50 minute lessons per week plus one visit per term (teacher or student visit). Negotiated timetable at the beginning of year/semester. |
| Intervention Support  (including flexibility) | It is incumbent upon the providing school to supply timely information to the receiving school (SACE Coordinator) about progress and achievement of students. Further plans and/or strategies may be developed for intervention/support. |
| Reporting | One written comment, one graded (plus traffic lights) or to fit in with home school reporting process. |
| Cost | Incidental Costs: < $50 may be applicable for field trips. |
| Curriculum Considerations | School-based Assessment:  Investigation Folio: 1-2 practical investigations and one science as a human endeavour extended written discussion pertaining to topics covered within the semester  Skills and Application Tasks: 1-2 tests covering course content  It is recommended that students have studied a full year of Science at Year 10.  Pathway: This course leads to Stage 2 Biology. |
| LD Delivery school policies relevant to receiving school/student | Seqta will be used as the student learning and management platform. PLHS will “enrol” students and manage internally. Lessons and communication will be provided through this platform. |