

## Antarctic Adventure – Year Six Program Overview & Schedule

**Program Duration:** 45 minutes

**Minimum Participants:** 10 students

**Maximum Participants:** 140 students\*

**Location:** Penguin Encounter

### Program Overview:

During this program, students will observe two species of Antarctic penguins to learn how animals' bodies are equipped to suit the conditions of their environment. This program aligns with the Biological Sciences strand of the Australian Curriculum for Science. Students will view Sea World's Penguin Encounter exhibit and theorise what life is like for the animals of Antarctica and sub-Antarctic regions. Through observations and interactive activities, students will explore how the growth and survival of living organisms are affected by the physical conditions of their environment. With a focus on King and Gentoo penguins, students will infer that highly specialised adaptations are required for survival in extreme environments. The present uses of Antarctica by humans, both positive and negative, will be discussed and students will learn about the historical contributions of numerous countries towards managing the Antarctic environment. Students are encouraged to pose questions and use critical thinking to form solutions to the problems being faced by Antarctic animals and how we can minimise human impacts through sustainable practices and advances in scientific developments.

### Additional Information:

- For groups of over 40 students, early entry is required to use the larger area within the exhibit prior to the park's operational hours.
- For groups of 40 or fewer students, this program will be delivered in the upstairs viewing area of Penguin Encounter and does not require early entry.

### Program Schedule:

#### GROUPS OF 40 STUDENTS OR LESS

##### Time

<b>9:15am</b>	<b>Arrival</b>
	The school will arrive promptly at 9:15am and will be met by a Marine Education Officer on the lawn next to the flagpoles out the front of Sea World.
<b>9:20am</b>	<b>Park Entry</b>
	The Marine Education Officer will lead the school group through the admissions gate to Penguin Encounter for the education program.
<b>9:30am</b>	<b>Education Program</b>
	This program is approximately 45 minutes and will finish by 10:30am at the latest. Please note: selection of this program will prevent the school group from seeing the morning <i>Seal Guardians Presentation</i> .
<b>10:30am</b>	<b>Program Conclusion</b>
	At the conclusion of this session, students will be free to enjoy the park for the rest of the day, at the discretion of school staff.

#### GROUPS OVER 40 STUDENTS

##### Time

<b>8:30am</b>	<b>Arrival and Park Entry</b>
	The school will arrive promptly at 8:30am and will be met by a Marine Education Officer on the lawn next to the flagpoles out the front of Sea World.
<b>8:35am</b>	<b>Park Entry</b>
	The Marine Education Officer will lead the school group through the admissions gate to Penguin Encounter for the education program.
<b>8:45am</b>	<b>Education Program</b>
	This program is approximately 45 minutes and will finish by 9:30am at the latest.
<b>9:30am</b>	<b>Program Conclusion</b>

## Antarctic Adventure – Year Six Program Mapping

### Alignment with the Australian Curriculum:

SCIENCE		
Science Understanding		
Biological Sciences	The growth and survival of living things are affected by physical conditions of their environment (ACSSU094)	
Science as a Human Endeavour		
Nature and development of science	Science involves testing predictions by gathering data and using evidence to develop explanations of events and phenomena and reflects historical and cultural contributions (ACSHE098)	
Use and Influence of Science	Scientific knowledge is used to solve problems and inform personal and community decisions (ACSHE100)	
<b>General Capabilities:</b> <ul style="list-style-type: none"><li>Literacy</li><li>Critical and Creative Thinking</li><li>Personal and Social Capabilities</li><li>Ethical Understanding</li></ul>		<b>Cross-Curriculum Priorities:</b> <ul style="list-style-type: none"><li>Sustainability</li></ul>

SCIENCE		
Science Understanding		
Biological Sciences	Living things have structural features and adaptations that help them to survive in their environment (ACSSU043)	
Science as a Human Endeavour		
Nature and development of science	Science involves testing predictions by gathering data and using evidence to develop explanations of events and phenomena and reflects historical and cultural contributions (ACSHE081)	
Use and Influence of Science	Scientific knowledge is used to solve problems and inform personal and community decisions (ACSHE083)	
HUMANITIES AND SOCIAL SCIENCES		
Knowledge and Understanding		
Geography	The environmental and human influences on the location and characteristics of a place and the management of spaces within them (ACHASSK113)	
<b>General Capabilities:</b> <ul style="list-style-type: none"><li>Literacy</li><li>Critical and Creative Thinking</li><li>Personal and Social Capabilities</li><li>Ethical Understanding</li></ul>		<b>Cross-Curriculum Priorities:</b> <ul style="list-style-type: none"><li>Sustainability</li></ul>