



Teacher Program Overview

From Little Things, Big Things Grow - Year 4 and 6

Program Duration: 45 Minutes

Location: Shark Bay

Minimum Participants: 10 Students

Maximum Participants: 100 Students

Program Overview:

This program aligns with the Australian Curriculum in the learning area of Science for Year 4 students. Addressing the Biological Sciences strand, students will develop their knowledge and understanding of marine animals, focusing on how living things have life cycles. During this program, students will gain an understanding of the variety of ways offspring are born (such as eggs or live young) and that offspring in early life stages don't always look like their parents. Using sharks and turtles as focus animals, students will compare life cycles of different species and will consider how environmental factors such as temperature can affect the various life stages of a species. Through making predictions about how humans can also impact animals' life cycles, students will use the knowledge gained through this program to understand the effect of their actions on the environment. Thinking sustainably, students will discuss what they can do to help protect marine animals and their environments.

**This Program is suitable for year 4 students following Version 8.4 of the Australian Curriculum and Year 3 students following Version 9. The following guides provided outline the relevant alignment to the Australian Curriculum (version of choice). Please be advised there is no difference in the content/ presentation of the program between version and year.*

Program Schedule

Time

9.15am Arrival

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.

9.20am Park Entry

The Marine Education Officer will lead the school group through the admissions gate to Shark Bay for the Education Program.

9.30am Education Program

10:30am Program Conclusion

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.

***Please note that school groups participating in this program will be unable to attend the morning *Seal Guardians Presentation*.**

Program Mapping

From Little Things, Big Things Grow - Year 4 and 6

Alignment with the Australian Curriculum V8.4 – Year 4	
SCIENCE	
Science Understanding	
Biological Sciences	Living things have life cycles (ACSSU072)
Science as a Human Endeavour	
Nature and Development of Science	Science involves making predictions and describing patterns and relationships (ACSHE061)
Use and Influence of Science	Science knowledge helps people to understand the effect of their actions (ACSHE062)
General Capabilities:	
<ul style="list-style-type: none"> • Critical and Creative Thinking • Personal and Social Capabilities 	<ul style="list-style-type: none"> • Literacy • Ethical Understanding
Cross- Curriculum Priorities:	
<ul style="list-style-type: none"> • Sustainability 	

Alignment with the Australian Curriculum V9.0 – Year 6	
SCIENCE	
Science Understanding	
Biological Sciences	Investigate the physical conditions of a habitat and analyse how the growth and survival of living things is affected by changing physical conditions (AC9S6U01)
Science as a Human Endeavour	
Use and Influence of Science	Investigate how scientific knowledge is used by individuals and communities to identify problems, consider responses and make decisions (AC9S6H02)
Science Inquiry	
Questioning and Predicting	Pose investigable questions to identify patterns and test relationships and make reasoned predictions (AC9S6I01)
Evaluating	Compare methods and findings with those of others, recognise possible sources of error, pose questions for further investigation and select evidence to draw reasoned conclusions (AC9S6I05)
General Capabilities:	
<ul style="list-style-type: none"> • Critical and Creative Thinking • Personal and Social Capabilities 	<ul style="list-style-type: none"> • Literacy • Ethical Understanding
Cross- Curriculum Priorities:	
<ul style="list-style-type: none"> • Sustainability 	