

## *Extreme Adaptations* Program Guide

Enhance your visit to Queensland Museum Tropics with our facilitated school program *Extreme Adaptations* where students investigate how animals and plants have adapted to live in different natural environments.

The program runs for 60 minutes per class group.  
Rotations for multiple groups will require a reset period.

Please allow additional time during your visit for arrival procedures such as bag storage, bathroom breaks, and dividing larger groups. You may also wish to schedule extra time to explore other exhibitions following your participation in the program.

### **Booking Your Visit**

Submit a booking request via our [online booking form](#), indicating the programs you wish to participate in and your preferred visit dates. As part of the booking process, you will be asked to confirm your school's details so we can arrange invoicing following your visit.

When submitting your request, please advise us of any specific needs or considerations that may support students or supervisors in your group (such as strategically placed rest spots, large-print guides or worksheets, tactile learning resources, or other accessibility requirements). Our team may contact you to seek further information, discuss suitable adjustments, or advise if certain aspects of the program cannot be modified within the space.

We recommend contacting our team as early as possible, as popular dates book quickly and we may not be able to accommodate all preferred dates. Please note that your booking is not confirmed until you receive written confirmation from our team.

### **What to Expect During Your Visit**

#### **When you arrive**

Please line your group up to the side of the main entrance and talk to our team at the desk to confirm your final numbers and arrange for any bags to be stowed prior to entrance to the museum.

Depending on other activities being undertaken, you may be provided with wristbands for each member of your group to wear to signify what spaces they have access to during your visit.

If your group is running late, please ring to let our team know on **(07) 4726 0600**. Where possible, lost time may be able to be recovered during meal breaks to keep your itinerary on track or some activities may have to be skipped.

Your group will be briefed on a few important rules including: no running, no food or drink being able to be consumed in the galleries, to stay together as a group, and who to seek out in the case of an emergency or assistance being required.

#### ***Extreme Adaptations* Facilitated Program**

Join our museum facilitators as they guide students in the role of futuristic astrobiologists, preparing for missions to distant planets with extreme environments.

Students will explore a range of natural environment displays, including the deep sea, mangroves, and rainforest. Through these experiences, they will investigate the diverse animals and plants that inhabit these environments and identify the behavioural and structural adaptations that support their survival.

# Extreme Adaptations

Building on this knowledge, students will work in small groups to creatively design a new species adapted to an extreme planetary environment. Each group will then present their design and decision-making processes to classmates as part of a mini “Species Showcase”.

## After Your Visit

An invoice will be issued following your visit, based on the exhibitions visited and activities undertaken.

We welcome your feedback and would value hearing about your experience. Please let us know what you and your students enjoyed, any areas for improvement, and whether there are programs you would be interested in that we do not currently offer.

## Extreme Adaptations Australian Curriculum Links v 9.0

Year 5 Science	
Science understanding	
<i>Biological sciences</i>	examine how particular structural features and behaviours of living things enable their survival in specific habitats (AC9S5U01)
Science Inquiry	
<i>Questioning and predicting</i>	pose investigable questions to identify patterns and test relationships and make reasoned predictions (AC9S5I01)
<i>Processing, modelling and analysing</i>	construct and use appropriate representations, including tables, graphs and visual or physical models, to organise and process data and information and describe patterns, trends and relationships (AC9S5I04)
<i>Communicating</i>	write and create texts to communicate ideas and findings for specific purposes and audiences, including selection of language features, using digital tools as appropriate (AC9S5I06)

Year 6 Science	
Science understanding	
<i>Biological sciences</i>	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 Inquiry	
<i>Questioning and predicting</i>	pose investigable questions to identify patterns and test relationships and make reasoned predictions (AC9S6I01)
<i>Processing, modelling and analysing</i>	construct and use appropriate representations, including tables, graphs and visual or physical models, to organise and process data and information and describe patterns, trends and relationships (AC9S6I04)
<i>Communicating</i>	write and create texts to communicate ideas and findings for specific purposes and audiences, including selection of language features, using digital tools as appropriate (AC9S6I06)