



## **CASE Junior Ocean School Program Schedule\***

### **Arrival - Brisbane**

The adventure begins with a flight into Brisbane. Brisbane is the capital of Queensland, the sunshine state. Students attend the official CASE opening ceremony and take part in a welcome ceremony performed by Australia's Aboriginal and Torres Strait Islander people.

### **Brisbane**

Today the ocean adventure becomes reality. Students spend the day on North Stradbroke Island. Scientists from the University of Queensland guide students to collect, record and analyse data on marine mammals and shoreline ecosystems. Their curiosity will be ignited, and students gain new skills to help them navigate the days ahead.

### **Brisbane**

At the Queensland Museum students discover the wildlife they are soon to encounter. Information gathered here can be used in their OCEAN Expert project. Next, a hands-on laboratory experience in the most innovative setting demonstrates current and topical ocean subjects such as the effects of climate change, a real-world problem.

### **Brisbane**

Each day students are empowered through the mPower module which is based around the growth mindset. Students visit the Queensland University of Technology and work in teams using a digital simulator to discover what is impacting the ocean. Then take part in a lively iterate workshop to solve problems using design thinking.

### **Brisbane**

With a guide, students learn to kayak and then explore the Brisbane River, a major river that connects to the ocean showcasing interesting habitats and biodiversity. In the evening, a motivational speaker will present on their ocean topic.

### **Brisbane**

It's time to hit the beach. Students take part in foreshore research to help experts understand a major ocean threat, micro-plastics. Questions will be raised, and students will be challenged to think critically. After a rewarding morning, give surfing a try. Qualified guides share the secret to catching the perfect wave.

### **Brisbane to Cairns**

Students embark on a flight to Cairns. This tropical paradise is a hub for marine science and the perfect place to be immersed. Upon arrival students play a fun game of beach volleyball and a resident marine biologist will give an evening presentation on the Great Barrier Reef, its importance, and the threats it faces.

### **Fitzroy Island**

All aboard a ferry to Fitzroy Island. A full day on this pristine island involves snorkelling with a guide to meet the local marine life and discover the fringing coral reef while recording important data. Students visit the patients in the turtle rehabilitation centre and learn about their road to recovery.



### **Fitzroy Island**

Today is another full day of adventure exploring Fitzroy Island. Investigate the fringing coral reef further as you snorkel a new site to compare and contrast. Take a guided bush walk through the coastal rainforest to learn how traditional owners continue to utilise the land and sea for their livelihoods.

### **Great Barrier Reef**

After the morning mPower session, students jump on a ferry taking them to the largest coral reef in the world, the Great Barrier Reef. A floating pontoon is equipped to host the students. Snorkel, visit the underwater observatory, ride the semi-submersible or the glass bottom boat. An unforgettable and life-changing experience awaits.

### **Cairns**

Cairns Aquarium is a place of learning and discovery. Students put a name to a 'fishy face' from their past underwater experiences and begin their reef to rainforest journey. Students time-travel to 180 million years ago and visit the world's oldest tropical rainforest, the Daintree. A drive north places them deep in the rainforest. Then, onboard a boat students float down the Daintree River spotting the infamous Saltwater Crocodile. The evening finishes with shopping at the markets.

### **Cairns**

Today students present their OCEAN Expert presentations and spend the day immersing in the ancient culture of Aboriginal Australians, throwing boomerangs and hearing stories. The evening finishes with a graduation ceremony and celebration to commemorate the end of the students' Ocean School Journey.

### **Cairns - Depart**

Expedition complete! Departing from Cairns Airport, students reflect on their journey and share stories and memories with friends they have made along the way.

*\*Program schedule subject to change*