Classification of Reef creatures

Virtual Learning Experiences

Program overview:

Discover the diversity of animals found on the Great Barrier Reef, one of the most biologically diverse ecosystems on the planet. Gain an understanding of how taxonomic classification is used for identifying animals and the hierarchical system and scientific conventions for naming species. Using the physical similarities and differences of particular features to group animals, test your knowledge in an interactive activity to identify a variety of different Reef organisms.

Please note: this program can be tailored to suit students' learning needs and curriculum requirements.

Program duration: 60 minutes
Program cost: AUD $155.00 (Inc. GST)

Australian Curriculum Links:

Year	Subject	Code
7	Science	ACSSU111
11	Biology	ACSBL016

Cross-curricular priorities:

Sustainability

How do I book?

Complete the Booking Request Form and email it to education@gbrmpa.gov.au.
Note: your booking is not confirmed until you receive a booking confirmation email from the Reef Education team.

Questions?

Please refer to our Virtual Learning Experiences page, or email education@gbrmpa.gov.au.

Further Resources:

To explore other Reef related teaching and learning resources check out our Reefed resources page.

Classification of Reef creatures program outline:

Runtime: 60 minutes *Timings are indicative only.*

	Time Allocation (minutes)	Outline	Teacher Notes
Pre-presentation set-up	5 minutes prior to session start time	Audio-visual check	Camera – teacher to set up the camera so presenters can see students. Microphone – check that microphone is connected and working. **If one class is connecting,** leave the microphone unmuted so that presenter can ask questions throughout the session. **If multiple classes are connecting,** please mute your microphones and host will advise teacher to unmute during question time.
Welcome and Introduction to the Great Barrier Reef.	0-5 min (5 min)	Meet the Reef Education host. Acknowledgement of Country. Explain format of the session. Introduction to the Great Barrier Reef, one of the most biologically diverse ecosystems on the planet.	Acknowledgement of Country – if known teacher/student could acknowledge the First Nation people's country where they are situated.
Classification of Reef animals.	5-35 min (30 min)	What is classification? Overview of the major marine phyla. Introduction to vertebrates and invertebrates in the marine environment. • Cnidaria (jellyfish and corals) • Annelida (worms) • Porifera (sponges) • Mollusca (snails, slugs and clams) • Echinodermata (sea stars) • Arthropoda (insects and crustaceans) • Chordata (mammals, reptiles, fish and birds)	Teacher to help facilitate questions throughout the session by picking a student with their hand raised to ask and answer questions and by unmuting and muting microphone if required.
Test your classification skills.	35-50 min (15 min)	Test your knowledge in an interactive classification activity.	This will be led by the Education host. Teacher to help facilitate questions by picking a student with their hand raised to answer and by unmuting and muting microphone if required.
Question time with presenter.	50-55 min (5 min)	Dedicated question time for students to ask direct questions of the presenter.	
Final messages	55-60 min (5 min)	The presenter will close with a summary.	