Lesson: Mangrove creature feature

Phase of learning
Years 5 - 6, Years 7 - 8

WA Curriculum
K-10 English, K-10 Science

Region
North Coast, Gascoyne Coast, West Coast

Summary
Students will investigate an animal or plant that depends upon mangroves for survival.

Outcomes

- Students will research an animal or plant that depends upon mangroves for survival.
- Students will produce a report, poster or presentation on their findings about their chosen organism.

Duration
1 hour

Preparation
Background information about mangroves may be found in the Fact Sheet: Mangroves and Poster: The Mysteries of Mangroves.

This lesson may be used as a standalone lesson, however it will also build on knowledge from the Lesson: What are mangroves?

In this lesson, students will complete research on a species found in the mangrove environment. Students could present their findings as a poster, a presentation or a written report.

The Student Worksheet: Mangrove creature feature will provide students will some guidance for information to be gathered during their research.

Western Australian curriculum

LEARNING AREA	STRAND	SUB-STRAND	CODES
Science	Science	Biological sciences	ACSSU073,

understanding

			ACSSU043
English	Language	Expressing and developing ideas	ACELA1498
English	Literacy	Creating texts	ACELY1694, ACELY1704

Steps

1. Allocate or ask students to choose a mangrove-dependent animal from the following list:
    - Barramundi
    - Estuarine crocodile
    - Mud crab
    - Mudskipper
    - Fiddler crab
    - Mangrove jack
    - Prawns
    - Archerfish
    - Other
2. Provide students with Student Worksheet: Mangrove creature feature and allocate class time or as homework to complete. Discuss with students how findings should be presented.
3. Provide students with an opportunity to present their findings to the class.

Related resources

Fact Sheet: Mangroves
Lesson: What are mangroves?
Poster: The Mysteries of Mangroves
Student Worksheet: Mangrove Creature Feature

Keywords

Abiotic, anaerobic, decomposers, detritus, ecosystem, food chain, food web, germinate, intertidal, mangrove, primary consumer, primary producer, productivity, secondary consumer, tertiary consumer