



Government of **Western Australia**  
Department of **Fisheries**

# 2016 **NORTHERN REGION** EDUCATION PROGRAMS

*Learn... discover... experience!*

The Department of Fisheries' Community and Education team is offering incursions in the Northern region during 2016.

Our activities provide students with hands-on learning experiences focused around the sustainability of the marine environment. These learning programs are based on current scientific research and are linked to learning areas within the Australian Curriculum and also address the Sustainability cross-curriculum priority.

All activities are free of charge and have a maximum of 30 students per session. Activities run for an hour in duration unless otherwise specified.

*Fish for the future*

# INCURSIONS

## FISHING FOR SUSTAINABILITY (Year 3 – 7)



This interactive session has students trying their hand at 'dry fishing'. They will learn to identify commonly caught species, how to correctly measure their fish and discover why fishing regulations such as bag and size limits ensure *Fish for the future*.

**LOAN KITS** – are also available at no charge on a one week loan. Kits must be booked at least one week in advance. Lesson Plans are supplied with each loan kit, outlining Australian Curriculum links, objectives, background information, procedures and further resources.

## SEE FOOD (Year 1 – 4)



Using the children's book *See Food*, written by Guundie Kuchling, students will gain an understanding of how food chains and food webs work through illustrations and activities, culminating in an exciting and active real life food chain game.



## FISHY FEATURES (Year 5 – 10)

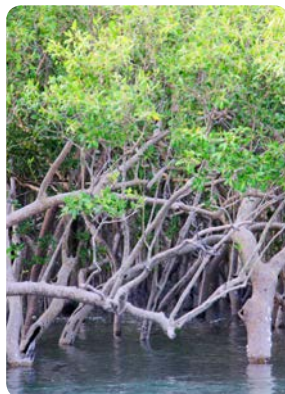


You can tell a lot about a fish by the way it looks – such as where it lives, how it feeds, and how it moves through the water. Students will examine the external features of a variety of fish species, learning about their adaptations for life in the different marine environment.

## LIFE IN THE MANGROVES (Year 3 – 6)



Through constructing a mangrove ecosystem storyboard, students will explore the function of mangrove ecosystems and how organisms depend on mangroves for food, shelter and reproduction. Students will also learn about an iconic Australian fish, the Barramundi.



## DISSECT A FISH (Year 8 – 12)



The Department of Fisheries is responsible for the sustainable management of Western Australia's fisheries, to ensure that we have *Fish for the future*. In this session, students learn how the Department of Fisheries manages the marine environment, and how fish dissections provide valuable research information. Finally students dissect a bony fish and identify some key features.



## RESOURCES!

Further curriculum-based resources can be found at Marine WATeRs, including lesson plans, student worksheets, fact sheets, posters, articles, presentations and games.



<http://marinewaters.fish.wa.gov.au>

## HOW TO MAKE A BOOKING

A range of other educational lessons are available to meet the requirements of the Australian curriculum, please contact Jessamy to find out more.

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Australian Curriculum



Science



English



Mathematics



Geography

Senior Secondary



Biology



Earth and  
Environmental Science



Geography



Integrated  
Science



Maritime and  
Marine Studies

[www.fish.wa.gov.au](http://www.fish.wa.gov.au)