

SOMETHING FISHY IN THE CLASSROOM



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ENGAGING SCHOOLS

the most effective way to get the message through

- links to current curriculum requirements and Key Learning Outcomes



Northern Territory

Studies of Society and Environment curriculum framework

Student outcomes and links to relevant activities

Pest Tales links directly to the following curriculum band and is designed for primary students, specifically years 5 and 6.

Band 3 Studies of Society and Environment			
Strand	Outcomes	Indicators	Lesson plan
Environments	3.2 Environmental Awareness and Care report on how organisations promote environmental monitoring and protection	<ul style="list-style-type: none"> survey and describe different viewpoints of groups and individuals about people changing a natural system, eg building a dam argue a course of action on a community issue evaluate the impact of innovations which may have negative and positive effects on the environment, eg the introduction of cane toads 	Feral or friend? The pest project Unwelcome visitor Pest power Something fishy Trap a toad
	3.3 Natural Systems describe features of ecosystems, explain their location and deduce the conditions that contribute to their distribution and/or change	<ul style="list-style-type: none"> explore the responses of people, plants and animals to changes in a natural system identify the purpose of adaptations of animals and plants to different environments identify how natural systems respond to changing conditions and research/debate issues arising, eg invasion of new species 	Feral or friend? Pest power The pest project Food for thought Unwelcome visitor Pests in the school yard Something fishy Magpie madness



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- supporting the progression of ICT (information and communication technology)
- online education resources
- web based problem solving scenarios

Interactive problem and enquiry based learning experiences for students and users of all backgrounds





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SBLi (scenario based learning interactive)

- provides a real word simulation
- allows the student to make informed decisions
- reinforces key messages
- confirms knowledge
- fun and entertaining
- image rich





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The scenario – **Something fishy**

The message – Don't dump your fish

Is it really a good idea to let your pet fish go in the river?
Find out how to stop your pet goldfish turning into an alien.

START Backyard Small Fry Aquarium
Home LowWater Lake Bury

Current view: General Locations >>Start >>Student Instructions Up a level

Possible actions for >>
Start

Student Instructions
Lesson Plan

SOMETHING FISHY

You like your goldfish but the brown ones are a bit boring.
Discover what can happen if you dispose of your goldfish carelessly.
Visit your local river and find out what is lurking under the water and should it be really there?

Before starting this activity read through the below points:

- Take your time and carefully read all of the instructions before moving on to the next step.
- Always scroll down to the end of the page.

Time spent: 01:00:00 Money spent: 0



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Students explore the problems that aquarium fish can cause when introduced into a river system.

Students understand and acknowledge -

- alien fish are already established in Australian waterways
- animal behaviour
- river habitats
- species adaptations
- environmental change

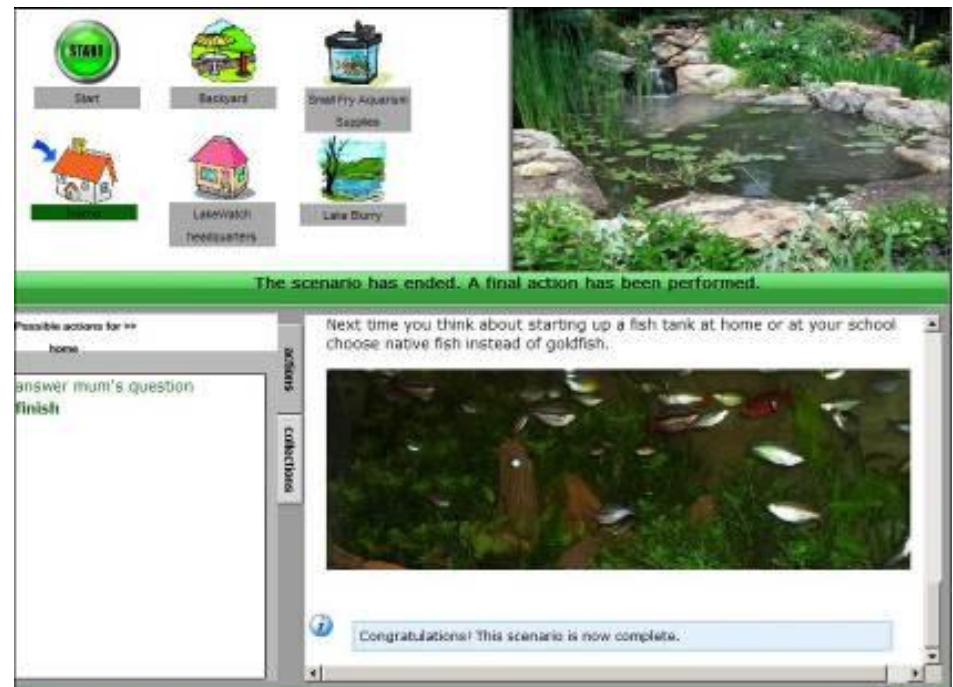
The screenshot shows a web-based interface for an educational activity. At the top left, there is a navigation menu with icons and labels for 'Start', 'Backyard', 'Home', 'LakeWatch', and 'Lake Dirty'. To the right of this menu is a large image of an aquarium with several tanks. Below the navigation menu, a breadcrumb trail reads: 'Current view :: General Locations >> Small Fry Aquarium Supplies >> notepad >> answer Vanessa's questions Use a local'. The main content area is divided into two sections. The left section has a header 'finish reading your notes' and a sub-header 'answer Vanessa's questions'. The right section contains a question: 'What member of the fish family is the goldfish related to?' with three radio button options: 'Catfish.', 'Carp.', and 'Sharks.'. Below this is another question: 'Goldfish are a popular aquarium pet. Where is the best spot to keep a goldfish?' with three radio button options: 'In the bath tub.', 'In a fish tank or backyard pond.', and 'In the local river.'. At the bottom of the right section, there is a 'SUBMIT' button and a partially visible question: 'What does a goldfish eat?'.



SOMETHING FISHY

Key messages

- eradication is nearly always impossible
- different fish, different tolerances
- human actions
- changing systems
- be a responsible citizen
- community education





SOMETHING FISHY

Special thanks to the Murray Darling Basin Authority for funding and assistance in making Something Fishy a reality for primary school children.

www.pestales.org.au

