



# Stage 5 Science

## Student Work

Below is the schoolwork to be completed by 9<sup>th</sup> April.

Please note:

The Gone Feral Assessment task is a formal task and students are advised that it is mandatory to complete and submit this by the due date. Task may be submitted via email or google classroom if your teacher has set this up with you.

Stay safe and don't hesitate to contact your classroom teacher by email.

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# Ecology Terms

Name \_\_\_\_\_

Students write a thorough definition of each of the following.

	definition
producer	
consumer	
herbivore	
carnivore	
omnivore	
decomposer	
habitat	
territory	
predator	
prey	
parasite	

	definition
food chain	
food web	
biomass	
food pyramid	
population	
community	
ecosystem	
symbiosis	
mutualism	
commensalism	
environment	



# Stage 5 Assessment task

## Gone Feral

**The Task:** To produce a Scientific Report to inform the community about an introduced species and its effect on Australia's environment.

**Marks:** 20 marks

**Due Date:** Thursday 9<sup>th</sup> April

### **Syllabus Outcomes being Assessed:**

SC5-2VA

shows a willingness to engage in finding solutions to science-related personal, social and global issues, including shaping sustainable futures

SC5-9WS

presents science ideas and evidence for a particular purpose and to a specific audience, using appropriate scientific language, conventions and representations

SC5-14LW

analyses interactions between components and processes within biological systems

### **The details:**

1. Choose an introduced species \_\_\_\_\_
2. Research your chosen introduced species using books, internet and other sources such as research papers, journals, etc.
3. Produce a Scientific Report with the following components:
  - Title (name the introduced species and the author)
  - Introduction (A brief outline of the contents of your paper including a description of the introduced species.)
  - Origin of introduced species (where is it from? You could include a map here.)
  - How and why did it get introduced to Australia. (and where in Australia was it originally introduced?)
  - Range of introduced species (describe the distribution of the introduced species in Australia – how far has it spread. You could include a map here.)
  - Impacts of introduced species on Australia's environment (detail all detrimental (or positive) effects on the environment. Make reference to named Australian species affected by the introduced species)
  - Measures being implemented to control the introduced species (How is the introduced species controlled? Give detailed examples/case studies of on-the-ground control programs)
  - Reference list (A variety of books, articles and web pages used to research your introduced species are included here.)

#### 4. Further details

Your report should:

- Contain accurate information and demonstrate a deep understanding of the subject matter.
- Be interesting and thought-provoking.
- Be well designed with diagrams, photos and clear headings.
- Have a word count of 800-1000 words
- Have few or no grammatical or spelling errors and sentence structure that is clear and readable.
- Contain a reference list showing a range of source material.
- Be submitted before 9<sup>th</sup> April 2020.

Introduced Species to choose from:

Animals	Plants
Cane Toad	Lantana
Red Fox	Camphor Laurel
Rabbit	Paterson's Curse
Camel	Prickly Pear
Feral Goat	Scotch Thistle
Cat	Giant Devils Fig
Brumby	Privet (large leaf)small leaf)
Deer	
House Mouse	
Black Rat	Other
Brown Rat	
Indian Miner	
Carp	
Mosquito Fish	
Other	