

AUSTRALIAN MUSEUM

EDUCATION KIT

ANIMAL HANDS-ON SESSION YEARS K-6



December 2016

AUSTRALIAN MUSEUM

1 William Street Sydney
NSW 2010 Australia
T 61 2 9320 6000
australianmuseum.net.au



190
YEARS
1827 > 2017

Teacher Notes

Briefing

A museum staff member will be on hand to welcome you on arrival. They will brief the students about how to move around the Museum and direct you to areas of the Museum you intend to visit.

Please ensure all students and accompanying adults attend this short briefing.

Bag Storage

There is limited bag storage available on site, it is recommended that students just bring a small carry bag with the essentials for the day.

Exhibitions

Outside of any educator-led sessions students and teachers may explore the Museum's exhibitions. Some special exhibitions incur an extra charge. We suggest that you divide the students into small groups to move through the exhibitions to prevent overcrowding of the displays.

Lunch

There is no space for large groups to have recess or lunch inside the Museum. There is undercover outdoor space – The Garden – available for use by groups which is accessible from William Street, or alternatively Hyde Park is just across College St from the Museum.

Photography

Students are encouraged to take photos, video and/or audio to record their excursion. Some temporary exhibitions do not allow photography but you will be advised of this on arrival.

Free Wi-fi at the Museum

The Museum offers free Wi-fi for onsite visitors. It is available in 30 minute sessions. Students and teachers can log on for more than one session.

Photocopying

Please photocopy the following materials for accompanying adults:

- Australian Museum Guide Map

Further information

<http://australianmuseum.net.au/education-services>

Syllabus links

Science				
	Early Stage 1	Stage 1	Stage 2	Stage 3
Living World	STe-8NE Identifies the basic needs of living things	ST1-10LW External features, changes in growth of living things. ST1-11LW Different places in the environment provide the needs of living things.	ST2-10W. Describes that living things have life cycles and grouped based on their features. ST2- 11W Science knowledge helps people understand the effect of their actions on the environment and on the survival of living things.	ST3- 10LW Describes how structural features and adaptations of living things help them survive in their environment. ST3-11LW Describes some physical conditions of the environment and how these affect the growth and survival of living things.
Earth and Space	Ste-7NE Observes, using their senses, how daily and seasonal changes in the environment affect them and other living things.	ST1-9ES Identifies ways that people use science in their daily lives to care for the environment and the Earth's resources.	ST2-8ES Describes some observable changes over time on the Earth's surface that result from natural processes and human activity.	ST3-9ES Explains rapid change at the Earth's surface caused by natural events, using evidence provided by advances in technology and scientific understanding.

On-site activities

These educator-led sessions provide students with the unique opportunity to actively engage in the process of Working Scientifically and Working Technologically by using a variety of Museum specimens and resources to support teaching/ learning activities appropriate to their learning needs. Designed for K-6 students, the room can accommodate groups of up to 30. A Museum Education Officer will lead your session by providing an introduction and explaining the activities offered, before inviting students to explore the room.

Each session lasts approximately one hour and adult involvement is welcomed. If your class has a particular area of interest, or students who require extension activities or support, please advise us at the time of booking. In this way we are able to cater each session to your needs.

Animal Hands-on Sessions include:

- handling real and cast fossils,
- investigating dinosaur footprints
- exploring animal specimens
- discovering rocks and minerals
- reconstructing skeletons
- role playing the role of scientists
- adaptations and habitats
- discovering invertebrate animals

The activities enable students to explore concepts related to Australia's natural environment while surrounded by a rich array of live and prepared specimens.

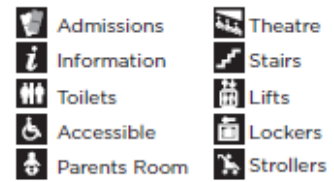
Activities focus on the themes of:

- **Habitats and adaptations**
Animal specimens can be placed in their habitat and their adaptations discussed.
- **Dinosaurs**
Dinosaurs can be identified and classified. Digging for dinosaurs and reconstructing them can be role played.
- **Climate Change and Australian animals**
Students will investigate how changes to weather and climate are impacting Australian animals.
- **Invertebrate Animals**
A large variety of specimens are displayed, along with magnifying devices, paper and pencils for scientific illustration.
- **Spiders**
Classify spiders and other invertebrates, discover the role of spiders in ecosystems, learn the maths of spider webs and explore the properties of spider silk.
- **Australian animals**
Animal specimens are available to observe, identify, classify and investigate.
- **Rocks and Minerals**
A variety of rock and mineral specimens can be investigated and classified according to their origins and structures.
- **Australian Megafauna**
Compare fossils from extinct species with bones of animals living today.

Museum Guide Map

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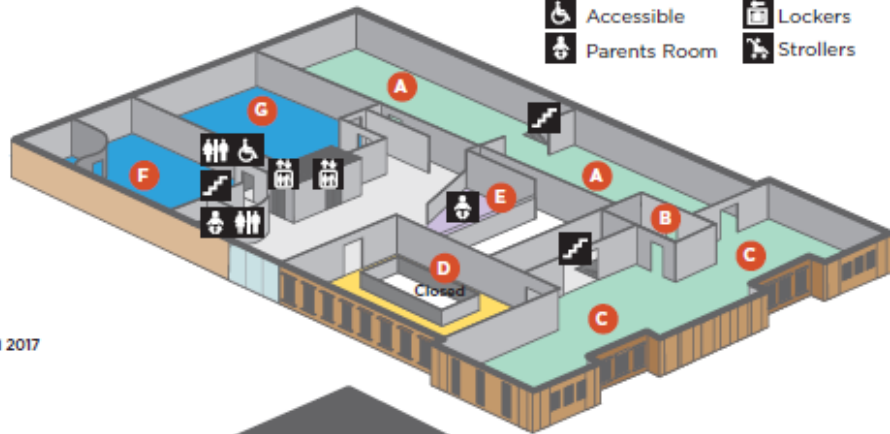
No. 1 William
Enjoy food with a view.
Take the lift or stairs to Level 4.



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- A** Surviving Australia
- B** Pacific Spirit
- C** Dinosaurs
- D** Birds & Insects Closed until mid 2017
- E** Kidspace
- F** Search & Discover
- G** Education Rooms



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- A** A new gallery opening October 2017
- B** Minerals featuring the Albert Chapman Collection
- C** Special Exhibitions and Programs



G



- A** First Australians Galleries
- B** Wild Planet
- C** Long Gallery Closed until October 2017 for restoration
- D** Special Exhibitions
- E** Atrium
- F** Museum Store
- G** Crystal Hall Entrance
- H** Museum Walk



LG

Members Lounge