

2009 Term 3&4 Rottnest Island Environmental Education School/Group Activities List

**Welcome to the 2009 Rottnest Island Environmental Education Activities List.
To Book: Choose your activities, complete our booking form and fax it to us for processing.**

Maximum number of participants for any activity is 20. We currently have a limited number of staff delivering activities so groups will be served in the order that their formal group booking form is received.

Check tables at the end of this list for links to the Curriculum Framework.

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| <p>Activities suitable for Year's 1-10 (activities are adapted to suit the specific year group)</p> |
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1. 'Your Island To Care For'

GENERAL: Suitable for all learning areas

Description/ Outcomes: Great introductory activity to camps. Students develop a greater awareness of the island and it's unique environment and history. An interactive powerpoint presentation.

Price: \$60.00 per group **Length:** 45mins

Meet At: TBA (Usually Peacock Inn or Picture Hall)

Students Bring: notepad and pen

2. 'Sea Monkeys'

SCIENCE: Life and Living – Ecosystems, structure, function, reproduction.

Description/ Outcomes: Students learn about the environmental and historical significance of Rottnest Island salt lakes. Students are encouraged to investigate the structure and function of the island's 'sea monkeys' and their importance in the island's food chains. A unique 'catch and release' experience.

Price: \$70.00 per group **Length:** 45mins

Meet At: European Cemetery

Students Bring: Hat, sunscreen, water

3. 'Beach Combing'

SCIENCE: Life and Living – Ecosystems, structure, function, reproduction.

Description/ Outcomes: Students discover treasures which may have washed up on the beach. Students develop their knowledge of coastal and marine ecosystems and the special features of the organisms they find.

Price: \$70.00 per group **Length:** 45mins

Meet At: Visitor Centre

Students Bring: Hat, sunscreen, water

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4. 'Quokka Safari'

SCIENCE: Working Scientifically – Investigating, communicating scientifically, science in daily life.

Description/ Outcomes: Students use investigative techniques to develop a greater understanding of quokka behaviour and habitat. Students search for, observe, record and discuss where quokkas live, what they eat and how they spend their day. (Classroom follow-up activities available on request).

Price: \$70.00 per group **Length:** 45mins

Meet At: Discovery Centre, Kingston Barracks

Students Bring: Hat, sunscreen, water

5. 'Sustainable Living'

SCIENCE: Energy and change – Renewable energy production.

Description/ Outcomes: Students will learn about Rottnest Island's waste water treatment plant, desalination plant, wind turbine, rubbish and recycling and diesel generators. Students will learn about how Rottnest Island Authority are ensuring practices are sustainable and viable for the future. Students develop an increased awareness of how they can make a difference to minimise the impact they have on Rottnest Island.

Price: \$70.00 per group **Length:** 45mins

Meet At: Museum

Students Bring: Bike, helmet, hat, sunscreen, water

6. 'Adventure Challenge (45mins Settlement)'

HPE: Interpersonal Skills – Leadership and teamwork skill development.

Self Management Skills – Decision making.

Description/ Outcomes: This activity encourages students to work as part of a team while developing their awareness of Rottnest Island's unique environment. This is a motivating, educational activity. The winning group is rewarded with prizes. Note: Not available for grades lower than year 6.

Price: \$80.00 per group **Length:** 45mins

Meet At: Museum

Students Bring: Hat, sunscreen, water

7. 'Orienteering' (This activity will only be available from term 3 2008 onwards)

HPE: Interpersonal Skills – Leadership and teamwork skill development

Self Management Skills – Decision making

Description/ Outcomes: Students learn navigation and map reading skills and use these to help complete an orienteering challenge. By working in small group students will develop leadership skills and team work.

Price: \$70.00 per group **Length:** 45mins

Meet At: Gun Barrel, Kingston Barracks

Students Bring: hat, sunscreen, water

8. 'Beach clean-up' Teacher led activity

SCIENCE: Earth and Beyond – Sustainability of life and wise resource use.

MATHEMATICS: Chance and data – Collect and organise data.

Description/ Outcomes: This activity is self guided. You will be given instructions when you pick up the equipment. This is a beach cleanup with an educational focus requiring students to collect and survey rubbish.

Price: n/a **Length:** 1hr+

Collection of equipment: Staff Administration Office

Students Bring: Pencil, enclosed shoes, hat sunscreen.

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9. 'Educational Cycle Tours'

BIOLOGICAL SCIENCES: Environmental management, ecosystems

OUTDOOR EDUCATION: Leave No Trace or Ecosystems

MODERN HISTORY: Settlement, evolving nature of environmental management on Rottnest (Values, beliefs and change over time)

EARTH AND ENVIRONMENTAL SCIENCE: Dune erosion, sustainability, human impacts

MARINE AND MARITIME TECHNOLOGY: Marine environment sustainability

Description/ Outcomes: "Teachers!" Tell us what your group is studying so we can tailor the tour to suit your group. Examples may be to visit sites of coastal erosion, dune/wetland rehabilitation sites, military sites, animal habitats.

Price: Negotiable, will be based on length of activity

Length: To suit your group (From 45mins to half day)

Meet At: Museum

Students Bring: Bike, helmet, workbooks, pen, water, sunscreen, hat, camera, snacks, small day pack

Guided Tours

Guided Tours are delivered by experienced guides from the Rottnest Voluntary Guides Association.

10. 'Bickley Battery Tour' \$60.00 per group. Max 20 students per group

Some years prior to Kingstown Barracks becoming an Environmental Education Centre, it accommodated soldiers who were involved in Rottnest Island's two World War II gun batteries. This familiarisation tour highlights the Bickley Gun Battery and mentions some of the special features of the heritage-listed barracks building. Meet at the Gun Barrel, Kingston Barracks.

11. 'Pioneers and Prisoners' \$60.00 per group. Max 20 students per group

Retrace the footsteps of our early inhabitants as we take you on a journey to learn about Rottnest Island in the 1800s. You will be taken on a guided walk through the historic Thomson Bay Settlement to discover the Island's rich heritage, incorporating both Aboriginal and European history. Meet at the Salt Store. Not available at 2pm.

12. 'Reefs, Wrecks and Daring Sailors' \$60.00 per group. Max 20 students per group

Pilots were stationed on Rottnest Island between 1838 and 1903 to guide ships safely around the Island's dangerous reefs. This tour incorporates the pilot crew accommodation, the boathouse and a replica pilot boat. Meet at the Salt Store. Not available at 11 am or 2 pm.

13. 'Stargazing' \$75.00 per group. Max 20 students per group

Walk to the Vlamingh Lookout where a myriad of stars can be seen. Learn about planets, stars and constellations. Times subject to change throughout the year. Time will be confirmed on booking. Meet at the Salt Store.

14. Twilight Tales \$75.00 per group. Max 20 students per group

Step back in time and learn about the secrets of some of Rottnest Island's early inhabitants. This evening walking tour is full of stories to surprise and intrigue you! Times subject to change through out year. Time will be confirmed on booking. Meet at the Salt Store.

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15. Oliver Hill Tour ONLY: \$45.00 per group. Max 15 students per group.

Visit the massive 9.2inch diameter gun on Oliver Hill and tour the underground tunnels to experience Rottnest Island during World War II. A voluntary guide will ensure an educational journey. Please note that Oliver Hill is limited to 2 groups per session at the following times: 11:00, 12:00 and 13:00. Other times may be available by special arrangement at the time of booking however no tours are offered to groups after 13:00.

16. Oliver Hill Train and Tour: \$110.00 per group. Max 15 students per group.

The same as above but taking the journey on our Train, 'Captain Hussey.' *NB: the train is currently replaced by a bus until further notice.* These tours are only available at 11:30 and 12:30. Meet at the Settlement Train Station.

Other Tours

17. Bus Tour's and Bus charter's can be booked by prior arrangement. Prices on request at time of booking.

18. Venue Hire is available. Prices on request for venues such as the Picture Hall and Peacock Inn.

19. Rottnest Island Museum

Discover Rottnest Island's fascinating natural and cultural heritage. The museum is open from 11:00am to 4:00pm, and groups are required to **book in advance**. The museum is also available to groups outside of regular opening hours on request. Please note this is a **self-guided** tour. \$25.00 for up to 20 students.

Other Island Activities and Information

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|---|--------------------------------------|
| 20. Brett Heady's Family Fun Park | (08) 9292 5156 |
| 21. Movies at the Rottnest Picture Hall | 0412 442683 |
| 22. Underwater Explorer | 0400 202 340 |
| 23. Rottnest Island Dive & Snorkel | (08) 9292 5111 |
| 24. Tennis | Through Bike Hire on (08) 9292 5105. |
| 25. Capricorn Seakayaking Tours | (08) 6267 8059 |

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LINKS TO THE CURRICULUM FRAMEWORK (Yr 1-10)

| Key | | Sea Monkeys | Beachcombing | Quokka Safari | Sustainable Living | Adventure Challenge (1 hr) | Orienteering | Beach Clean-up |
|--|---|-------------|--------------|---------------|--------------------|----------------------------|--------------|----------------|
| | | | | | | | | |
| | Focal Learning Area Outcomes | | | | | | | |
| | Additional L.A. Outcomes covered in this activity | | | | | | | |
| Learning Area | | | | | | | | |
| Science | | | | | | | | |
| ➤ Working Scientifically | | | | | | | | |
| • Life and Living | | | | | | | | |
| • Earth and Beyond | | | | | | | | |
| • Nat & Proc Materials | | | | | | | | |
| • Energy and Change | | | | | | | | |
| Society & Environment | | | | | | | | |
| • Place and Space | | | | | | | | |
| • Culture | | | | | | | | |
| • Natural and Social Systems | | | | | | | | |
| • Time, Continuity & Change | | | | | | | | |
| Health & Physical Education | | | | | | | | |
| • Knowledge & Understanding | | | | | | | | |
| • Skills for Physical Activity | | | | | | | | |
| • Interpersonal Skills | | | | | | | | |
| • Self Management Skills | | | | | | | | |
| • Attitudes and Values | | | | | | | | |
| Mathematics | | | | | | | | |
| • Chance and Data | | | | | | | | |

(All activities can be linked to the English, The Arts and Technology and Enterprise Learning Areas)

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LINKS TO NEW and OLD OUTCOME STATEMENTS for Yr 11-12 Courses

| Key | | Cycle Tours |
|--|--|-------------|
| | Focal Learning Area Outcomes | |
| | Additional L.A. Outcomes covered in this activity | |
| Outdoor Education | | |
| | 1. Outdoor Experiences (Navigation / Cycling) | |
| | 2. Self and Others (Leadership, working with others) | |
| | 3. Environmental Awareness | |
| Biological Sciences | | |
| | 4. Ecosystems: Biodiversity and Sustainability | |
| | 5. The Functioning Organism | |
| | 6. Working as a biologist | |
| | 7. Continuity of the species | |
| Marine and Maritime Technology | | |
| | 8. Marine Science | |
| Modern History | | |
| | 9. Key People, Ideas and Events | |
| | 10. Consequences of continuity and Change | |
| Earth and Environmental Science | | |
| | 11. Biodiversity through time | |
| | 12. Formation | |
| | 13. Ecological Systems and human interaction | |

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