

CHURCHILL ISLAND DISCOVERY TRAIL



MAP



Phillip Island
**NATURE
PARKS**

For more information or to make a booking please contact us on:
T (03) 5951 2835 E bookings@penguins.org.au
penguins.org.au

*We acknowledge the Traditional Owners of the land on which we live, work and learn,
the Bunurong. We pay our respects to their Elders past and present.*

Time Unwinds
**CHURCHILL
ISLAND**



LOOK FOR CLUES AT EACH LOCATION ON THE MAP

1 LOOK FOR a display cabinet

Aboriginal midden

There are over 200 Bunurong sites identified on Phillip Island and Churchill Island. These 'midden' sites are places where Bunurong gathered to eat meals and undertake daily life activities. They contain the discarded remains of food and tools such as shells, animal bones and flakes of stone.

Where do you put the left-over bones of food you eat?

2 LOOK FOR images hanging on the wall

Fish and birds

Many animals in nature were not only hunted by Bunurong but also by early Europeans for survival. The main species hunted were birds and their eggs and fish. Whilst our birds are now protected some of the marine species continue to be targeted by recreational fishers, such as whiting, snapper, flathead and gummy shark.

Do you like to catch and eat fish?

3 LOOK FOR the kitchen

Rogers Cottage fire place

The fireplace was an important place to be able to cook food and heat water. Later on, the oven was added to bake bread and help roast nuts. A short time later, in Amess House, the latest in oven cook tops was added. This enabled much better control of heat during the cooking process. Have a look in the Amess House and compare the ovens.

Have you cooked on an open fire?



4 LOOK FOR the cover over the well, hidden in the garden

Old well and water pump

Water was an important commodity for the settlers. Rain water was collected from the roof of Rogers Cottage and stored in a brick lined well for later use. The pump on the side of the cottage was used to pump the water back out of the well.

Try the pump in the rose garden to see how this works.

5 LOOK FOR the back veranda of Amess House

Coolgardie safe

This early version of a refrigerator relies on evaporative cooling to keep its contents cool. This helps to extend the life of perishable foods. Water in the tray top drips down on to the hessian. As the breezes blow on the surface of the wet hessian there is a cooling effect as the water is evaporated. Some Aboriginal groups used this technology to transport and cool water, by using wet animal skin containers.

If you wet your finger and blow on it, does it feel cool?



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DISCOVERY TRAIL CLUES

6 LOOK FOR the garden behind Amess House

Kitchen garden

Herbs and spices are an important component for cooking, adding flavor and aroma. Some spices are useful for preserving foods. Herbs can come from leaves, flowers or stems and can also have medicinal and fragrance values. Spices come from seeds, fruits, roots, bark and other plant substances. Bunurong used native herbs and spices.

Do you have a favourite herb or spice which you use?

7 LOOK FOR a large tree with supports for its large branches

Mulberry tree

There are many varieties of mulberries. Whilst the berries from this deciduous tree are sweet and great in pies, jam and cordials, this tree was grown for another purpose. This tree was planted in the original garden back in the 1870's as a host for silkworms to create silk from their cocoons.

**There are some silk tapestries in Amess House.
Can you find them?**



8 LOOK FOR bright yellow fruit on this tree

Lemons

There are many varieties of lemons to grow. Traditionally, lemons are quite sour but some of the newer varieties are sweet tasting. This old variety is commonly used for juicing and cooking. However it can also be used as a cleaning agent due to its acidity. In this garden many of the fruits can also be stored by bottling in sugar syrup.

Have you made lemonade from fresh lemons?

9 LOOK FOR the tree with hairs to protect it's nuts

Chestnuts tree

Chestnuts are low in fat and high in antioxidants and vitamin C. They help reduce your risk of cardiovascular problems, such as heart disease or stroke. Chestnuts must be roasted prior to eating and are best eaten just after roasting. They can also be stored and eaten for many months after.

**These nuts have a prickly cover.
Be careful picking them up.**



DISCOVERY TRAIL CLUES

10 LOOK FOR the chicken wire fence

Chooks

The main value of chooks on a farm is egg laying. Eggs are important because of their food value. They can be stored for some time and, after cooking, can be preserved. Eggs are often used for the bread and cake industries. Bunurong harvested many bird species eggs for consumption and other uses. Chooks also help to control insects in your garden and provide nutrient rich compost.

Do you have chooks at your place?

11 LOOK FOR the stable pen

Cow milking

Most farms had their own milk supply from a cow. Milk is a food product and can be turned into cream, butter, yogurt, ice cream and cheese. It can also now be preserved as powdered milk, condensed milk, long-life milk amongst others. The only commercial farming here on Churchill Island was milk production by Sister Campbell.

Have you tried to milk a cow?

12 LOOK FOR the horse yard

Pulling a plough

Tilling the soil to improve structure and plant seed is arduous work. Having a workhorse such as a draught horse, enabled large ploughs and harvesters to be pulled to do the ploughing and harvesting. This resulted in making the land more productive.

Have you seen a working horse today?



13 LOOK FOR the back of the vegetable garden

Compost

The animal droppings in the pens and enclosures were, and still are, collected into compost piles. After turning over for a period of time, this rich compost is spread over the surface to provide nutrients to plants around the homestead including the vegetable garden.

Do you have a compost bin?

14 LOOK FOR holes in the lawn

Eastern barred bandicoots

Bandicoots have been introduced to Churchill Island as part of a threatened species recovery program. A spinoff from their introduction is helping to repair the land. Each bandicoot will turn over an elephant's weight worth of dirt and soil each year. This helps the land recover from decades of soil compaction from heavy grazing animals.

Can you find a conical hole in the lawn areas which a bandicoot has dug?



Use the **blue** letters clues in the **Discovery Trail** and arrange them into an important message for the future

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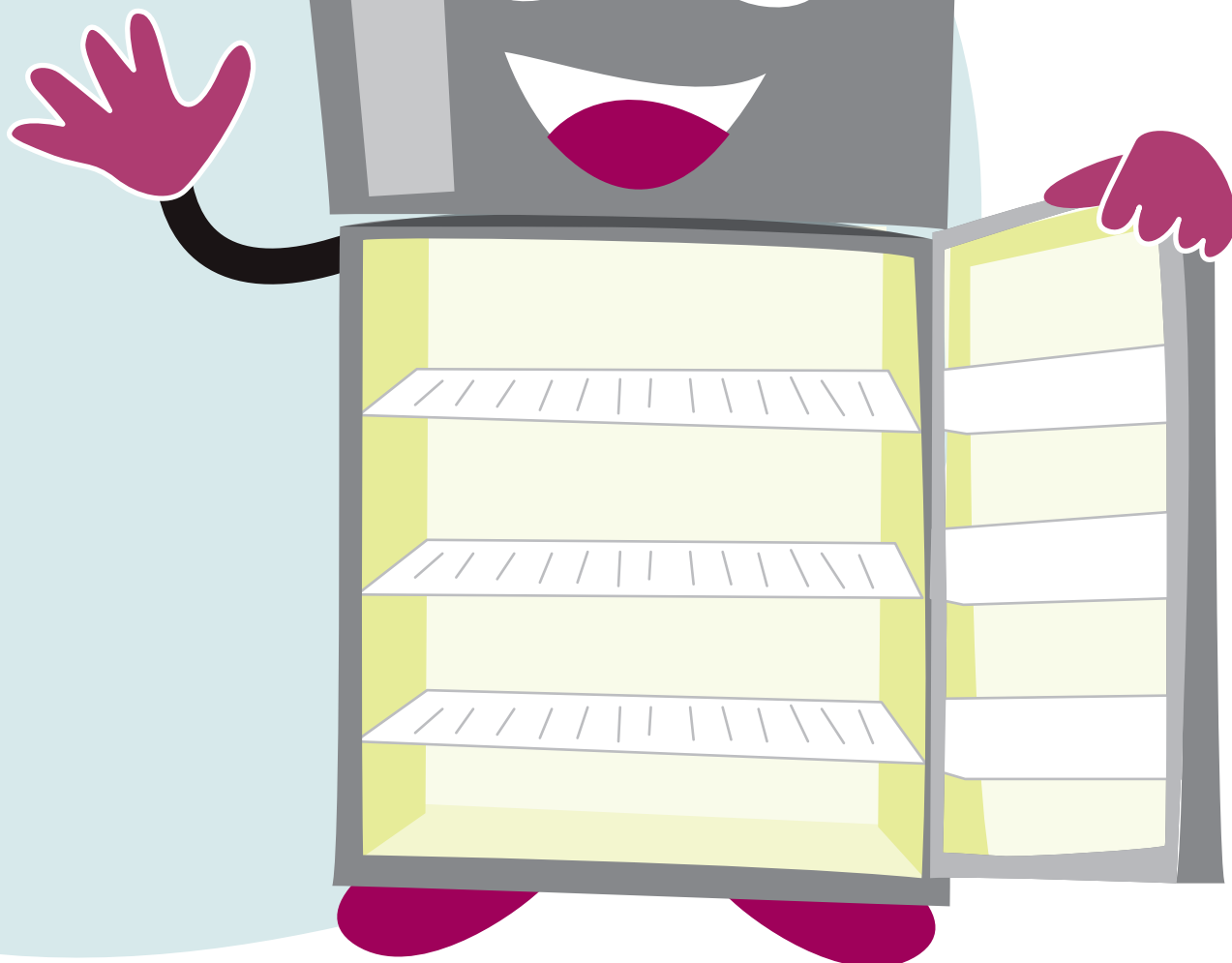
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Can you draw some of the contents in your fridge which came from a farm?



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[Sustainable Farming](#)

[CSIRO Farming Systems](#)

[Victorian Government Agriculture and Carbon Emissions](#)

[World's first carbon neutral Dairy Farm in Gippsland](#)

[About a Phillip Island farm Bimabadeen](#)

Answer to Discovery Trail puzzle: SUSTAINABLE FARMING – farming practices which are ecologically sustainable and carbon neutral.

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