

Marine parks in Western Australia

We need marine parks for the same reasons that we need national parks on the land.

Together marine parks and national parks protect our precious plants and animals, above and below the water line. For more details about Western Australia's very special marine parks, and the marine plants and animals that live in them, visit dbca.wa.gov.au/marineparkswa

Marine parks and reserves protect Western Australia's underwater wonders, from the world's biggest seagrass meadows and the world's largest population of dugongs in Shark Bay Marine Park, to the humpback whale nursery at Camden Sound Marine Park and thousands of offshore islands that are important breeding areas for sea lions, fur seals, penguins and seabirds.

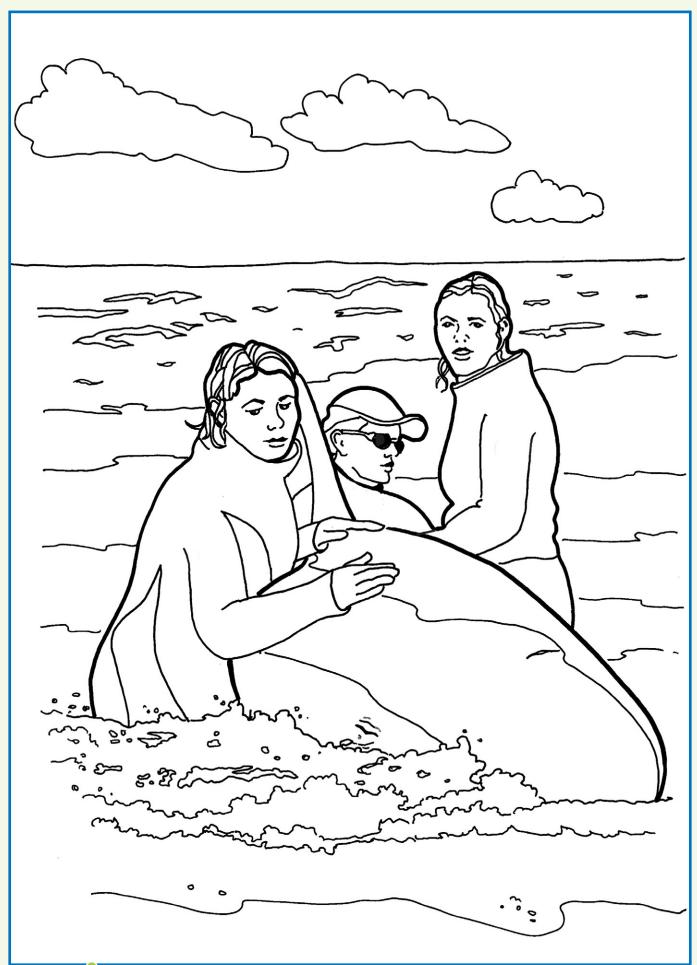
This activity book has been produced by the Department of Biodiversity, Conservation and Attractions to help promote Western Australia's unique marine parks.



Department of **Biodiversity**, **Conservation and Attractions**









Shore survivors



Having fun în marine parks

What can you do in Western Australian marine parks?

windsurf

surfing

dive

kayak

snorkel

swimming

whalewatching

boating

fishing

kitesurf

crabbing

Crossword

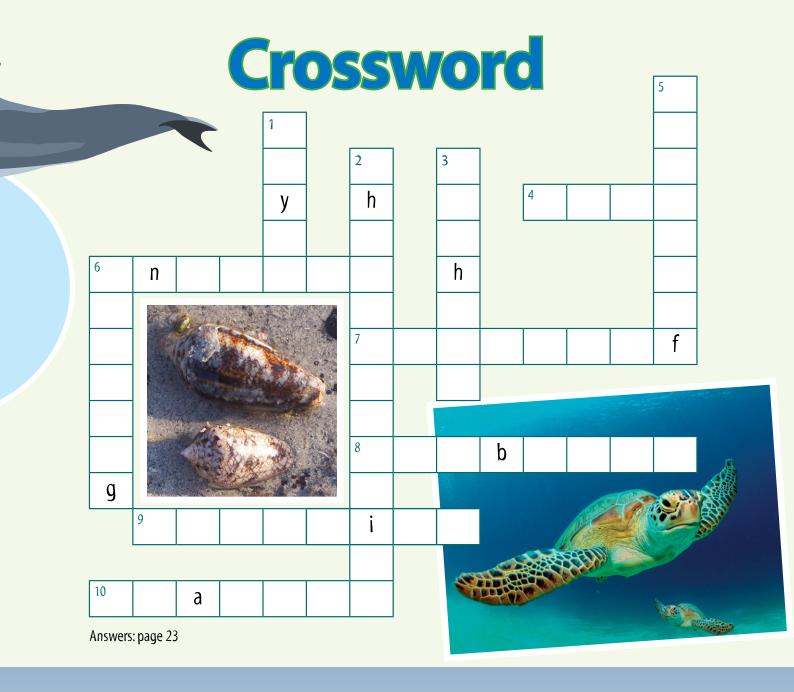


- Down
- 1. A type of canoe
- 2. Watching the antics of big marine mammals
- 3. Catching scaled creatures with a line and hook
- 5. Use a kite and a board for sport
- 6. Riding the waves

Across

- 4. Explore under the ocean using a scuba tank
- 6. Swim with a breathing tube and face mask
- 7. Use a sail and a board for sport
- 8. Catching shelled animals
- 9. Moving through the water using your arms and legs
- 10. Enjoying marine areas on a boat

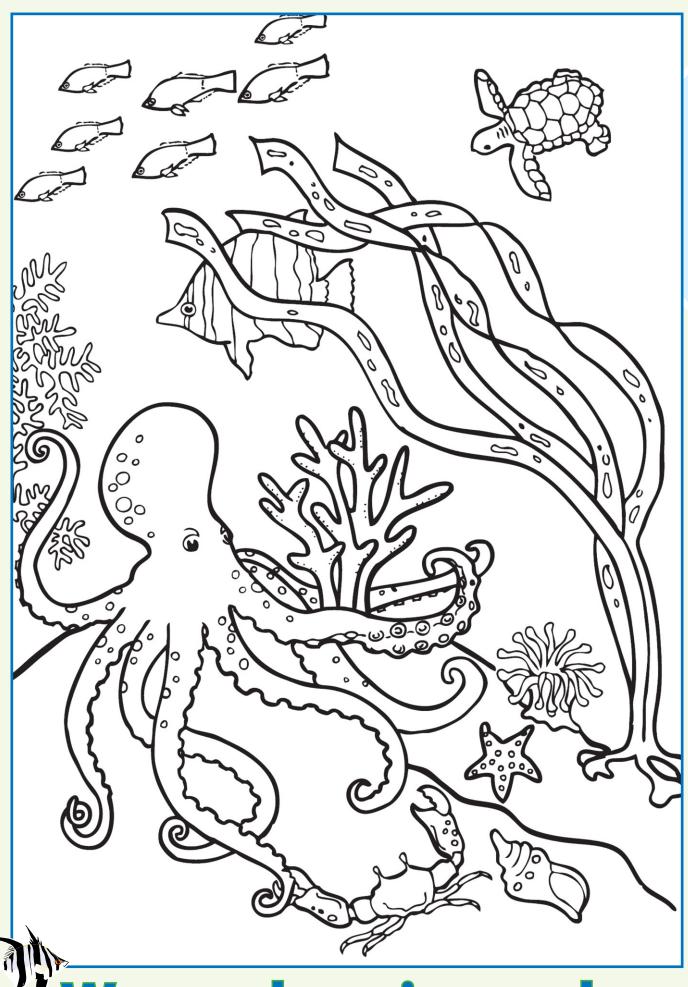




Marine parks have different zones for different types of activities. Sanctuary zones are special areas in Western Australian marine parks from which you can't remove any marine animals or plants at all. Two of the above activities are not allowed in sanctuary zones. What are they?







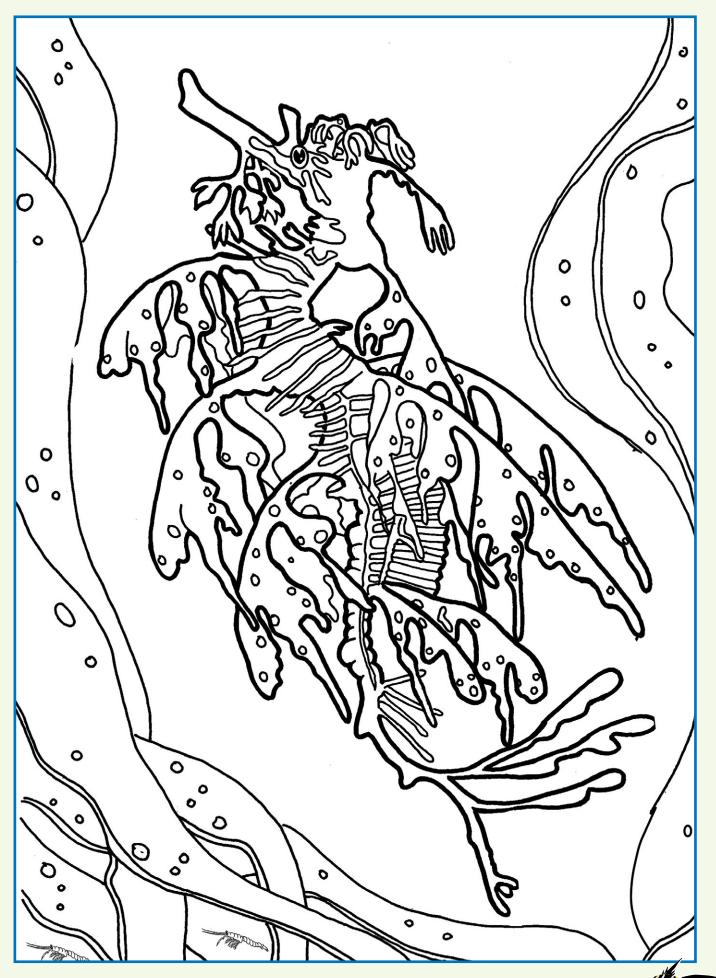
We need marine parks



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Look for the words below, which are hidden amongst the letters:

| barramundi | humpback whale | pearl | seagrass |
|-------------|----------------|-----------------------|-----------------|
| clownfish | mangrove | potato cod | snubfin dolphin |
| coral reef | manta ray | red tailed tropicbird | tropical |
| crocodile | mantis shrimp | sanctuary zone | turtle |
| dugong | marine park | sawfish | |
| hermit crab | mud crab | sea slug | |



Save our seadragons

Marine park word sleuth

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The following animals, plants and activities can be found in marine parks. Find them in the word sleuth:

| anemone | flounder | lobster | sail | shark | surf |
|------------|-----------|--------------|-----------|-----------|----------|
| clam | gull | marine parks | sanctuary | shipwreck | tern |
| crab | island | moray eel | sea lion | shrimp | urchin |
| cuttlefish | jellyfish | octopus | sea star | snorkel | weed |
| dive | kayak | pelican | seadragon | sponge | whale |
| dolphin | kelp | penguin | seahorse | squid | windsurf |



When you visit marine parks and other marine areas including the beach please take care—both of yourself and of the environment.



Remember to 'slip, slop, slap, wrap' and make sure you're well prepared. Always bring sunscreen, a hat and a T-shirt. Take extra drinking water and wear protective footwear when reef walking.



Keep to paths and beaches. Help conserve wildlife and take care not to disturb nesting seabirds and dune vegetation.



Please do not feed wildlife as our native animals need a natural diet to stay healthy.

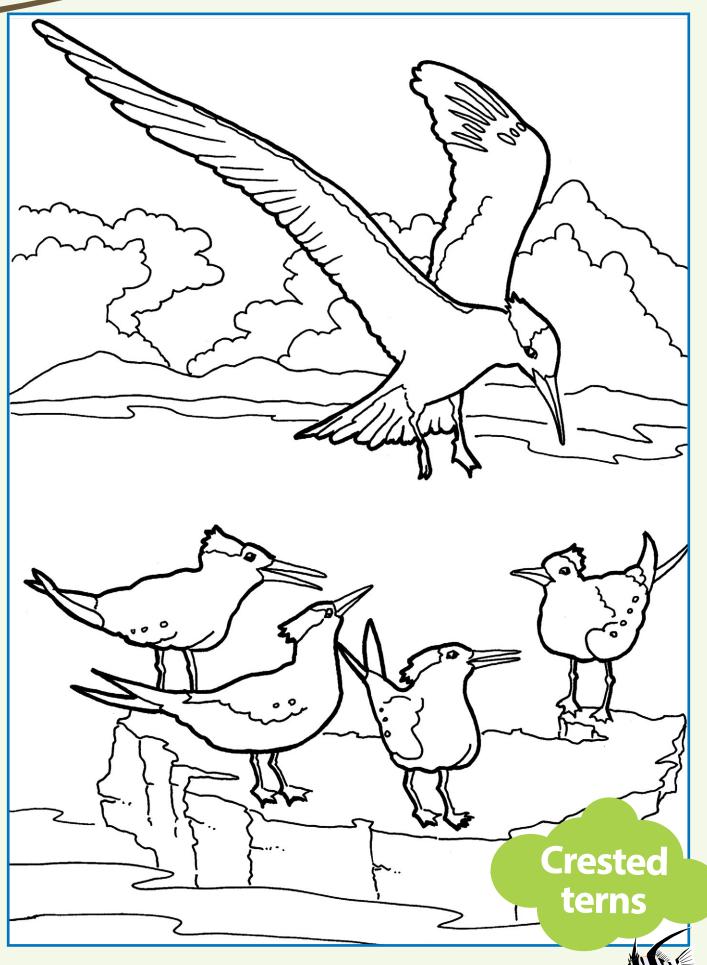


Take your rubbish with you when you leave.

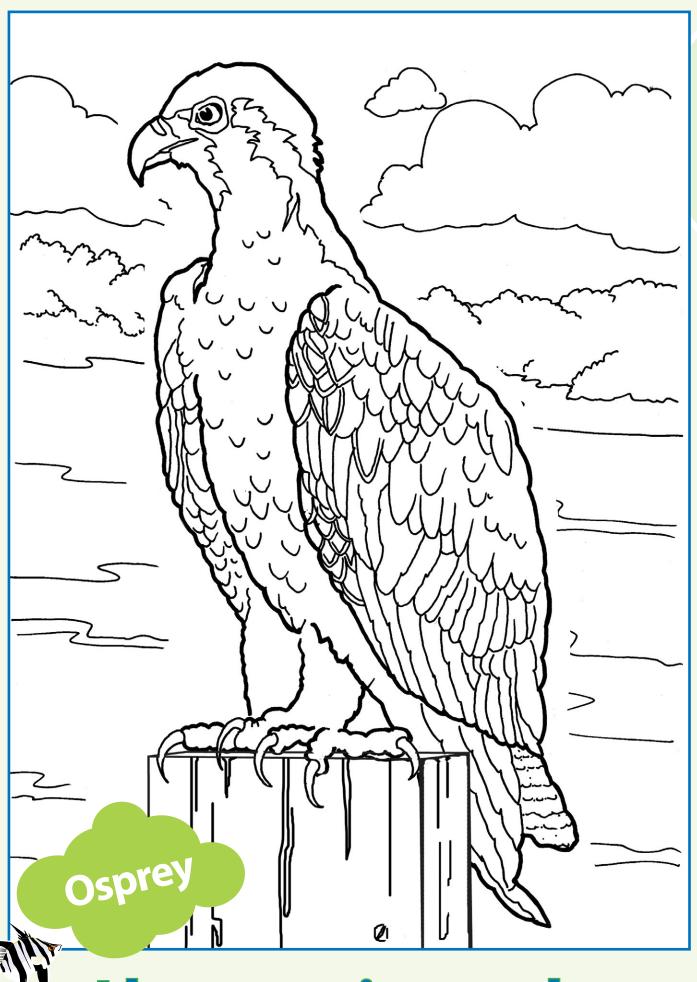


Some marine animals can be dangerous, so if in doubt keep your distance and be careful what you touch or pick up.





Marine parks are cool



I love marine parks

Seabirds word sleuth

Seabirds are often seen feeding and soaring over marine parks. Circle common seabirds from the list below. Use the leftover letters to answer the question: why are marine parks important to seabirds?

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| b | V | e | у | b | 0 | 0 | b | d | e | k | S | a | m |

| albatross | bridled tern | cormorant |
|---------------|----------------|--------------|
| gannet | little penguin | lesser noddy |
| oystercatcher | petrel | pelican |
| plover | sea eagle | sandpiper |
| skua | silver gull | stint |
| tropicbird | whimbrel | |

Answers: page 23



Different marine animals and plants need different underwater habitats.

Match the marine park habitats to the type of animals that live there by placing the stickers in the boxes below.



| Ton cida | (above the water surface) | |
|----------|---------------------------|--|
| ion sing | tabove the water surface) | |

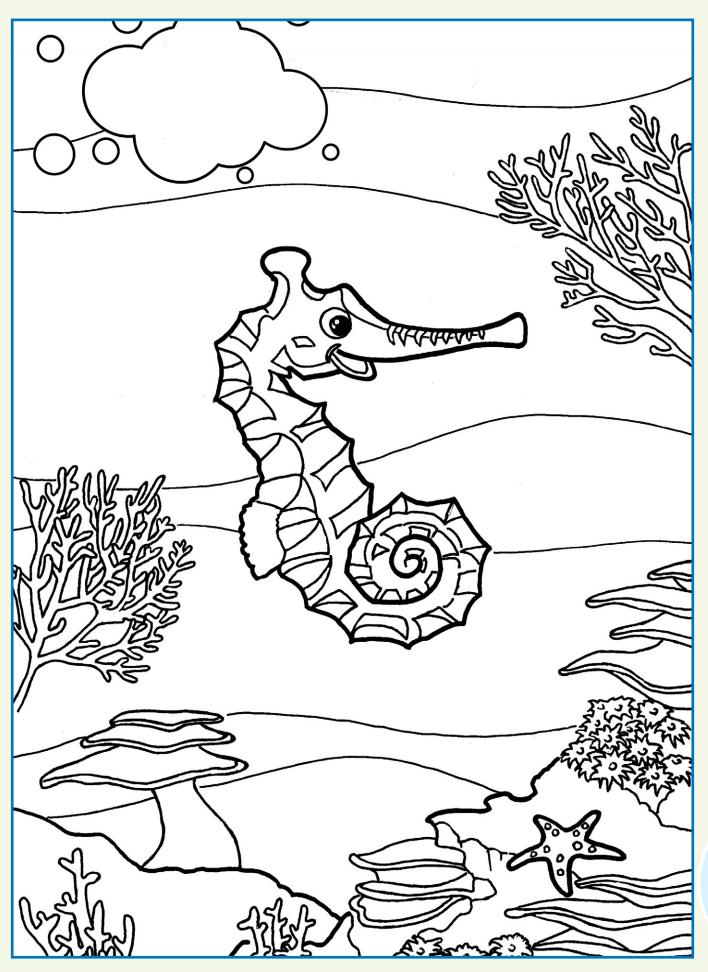
Seagrass, seaweed and sand

Open water

Underwater surfaces like jetty pylons, reefs or rocks

Rubble and sand





You can find Toot the seahorse at

dbca.wa.gov.au/marineparkswa

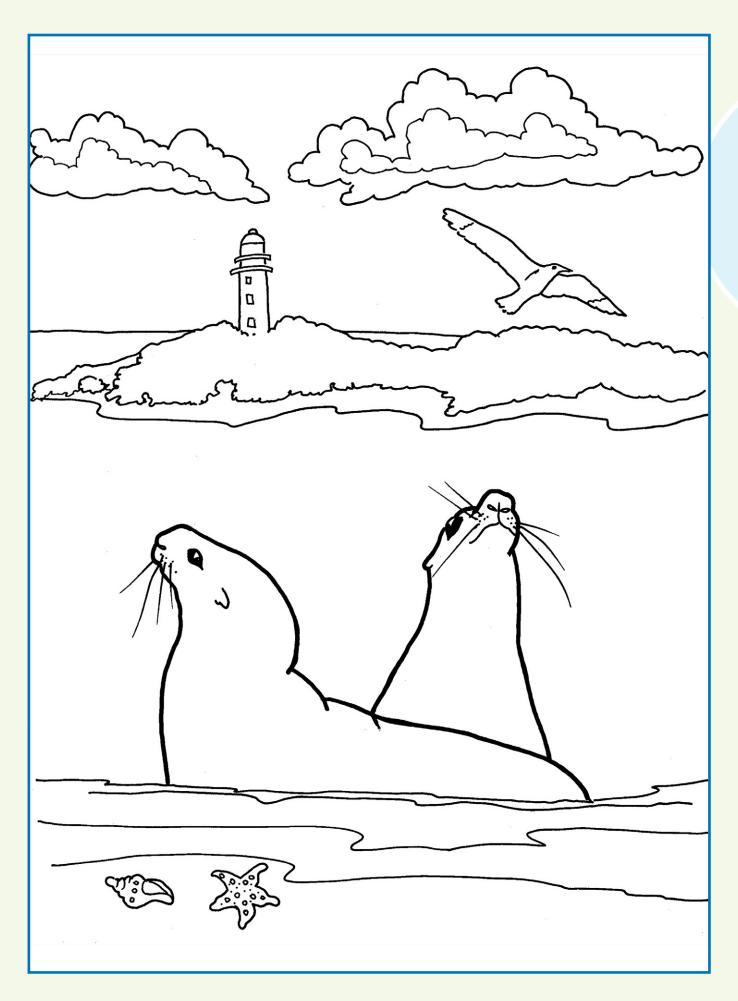
Marine litter word sleuth

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| a | i | ı | е | a | t | t | t | n | i | р | n | n | e | i | a |
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| a | n | ı | t | a | 1 | k | e | S | e | a | 1 | i | 0 | n | S |
| е | р | I | a | S | t | i | С | b | a | g | S | r | u | b | b |
| r | е | g | n | a | r | i | S | h | h | r | e | t | t | i | I |
| d | e | a | t | h | u | 0 | b | a | l | l | 0 | 0 | n | S | m |
| b | 0 | a | t | e | t | S | р | a | r | t | S | t | i | a | b |

Find and circle the following words. Write down the leftover letters to find out what to do with your litter when you go to the beach.

| bait straps | balloons | beach | boat |
|-------------|----------------|--------------|--------------|
| bottles | clean marine | choke | death |
| dolphin | drink cans | entanglement | fishing line |
| floats | hooks | infection | injury |
| litter | lolly wrappers | net | plastic bags |
| pollution | polystyrene | ranger | rope |
| rubbish | seabirds | sea lions | starvation |
| turtle | use bins | whale | |

Answers: page 23



Conserve our coast

Match the words to their meanings

Litter like plastic bags can end up in our oceans and if eaten accidentally by an animal may lead to starvation. To save marine animals, try to collect three pieces of rubbish every time you visit the beach and put them in the bin.

Marine park rangers

People who look after our marine parks and precious marine animals.

Drink cans

Sharp metal fishing equipment that can injure marine animals.

Hooks

The result of a turtle eating a plastic bag.

Fishing net

Metal containers sometimes thrown into the ocean by people that can take up to 80 years to break down.

Plastic bags

A large marine mammal that sometimes becomes tangled up in floats, ropes and other fishing equipment.

Turtle

A large marine reptile that sometimes accidentally eats plastic bags after confusing them with jellyfish, on which it feeds.

Whale

Fishing equipment made of ropes that should not be thrown away at sea, as it can be a danger to large marine animals.

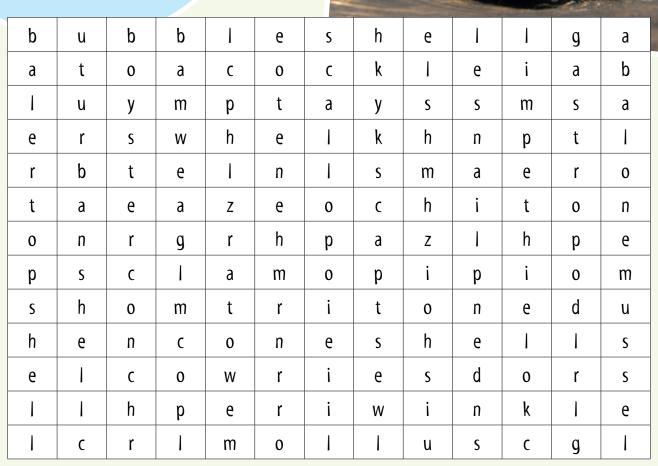
Starvation

See-through bags that do not break down in the ocean for up to 20 years.

Shelled wonders word sleuth

Hundreds of different types of shells live in Western Australian marine parks.

Circle the ones you can find below:

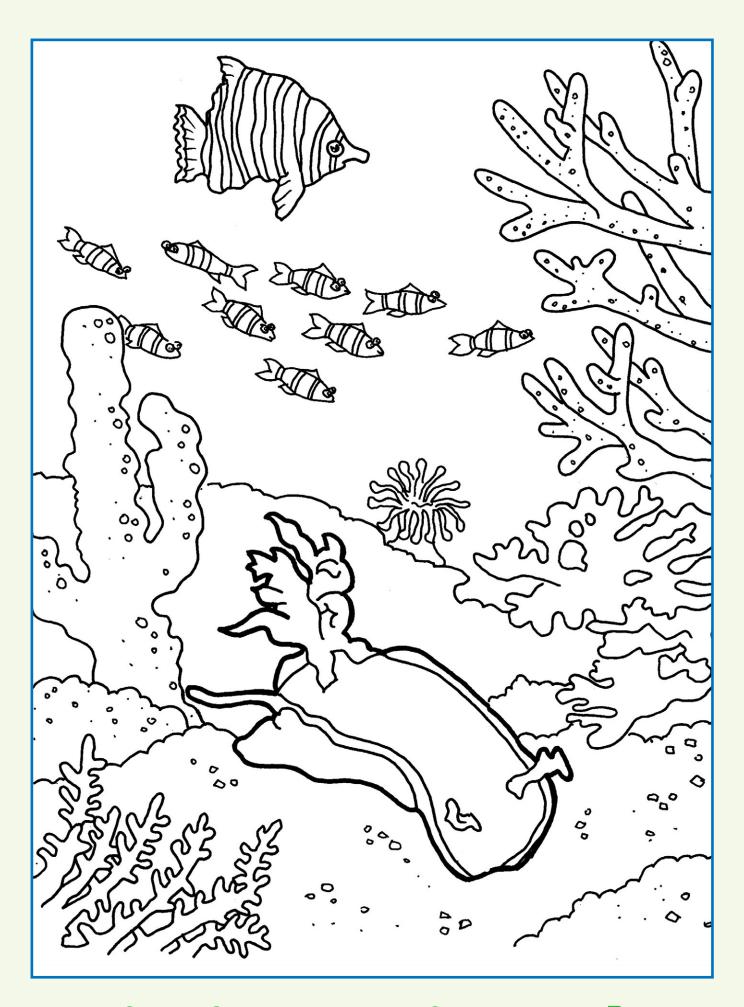


abalone
baler
bubble shell
chiton
clam
cockle
conch

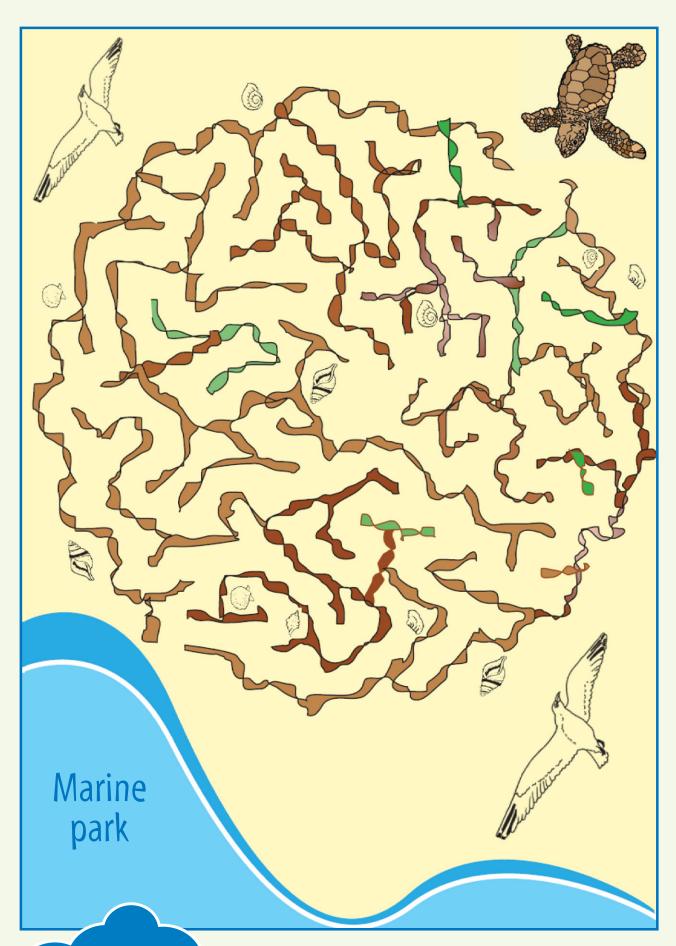
cowrie
gastropod
limpet
mollusc
mussel
oyster
periwinkle

pipi
scallop
snail
top shell
triton
turban shell
whelk





Dive into marine parks



Help the turtle hatchling find its way to the marine park

Match the words to their meanings

Mangrove

A flightless bird that catches fish in the ocean.

Penguin

A fish that lies flat on the sea floor.

Tern

An unusual-looking fish with a curled tail and a pouch on its belly in which its eggs are laid.

Dugong

A tree that can grow in salt water and 'breathe' through its roots.

Sanctuary zone

A hard structure built from living creatures that is home to many fish and other underwater animals.

Sponge

A colourful underwater animal whose skeleton is sometimes used in the bath.

Whale shark

A marine animal that usually has five or more arms but no face.

Sea star

A zone in a marine park in which visitors can look but not fish or remove marine animals or plants.

Seahorse

A reptile that spends most of its life in the ocean except when it comes ashore to lay eggs.

Turtle

A seabird that nests on many islands in Western Australian marine parks.

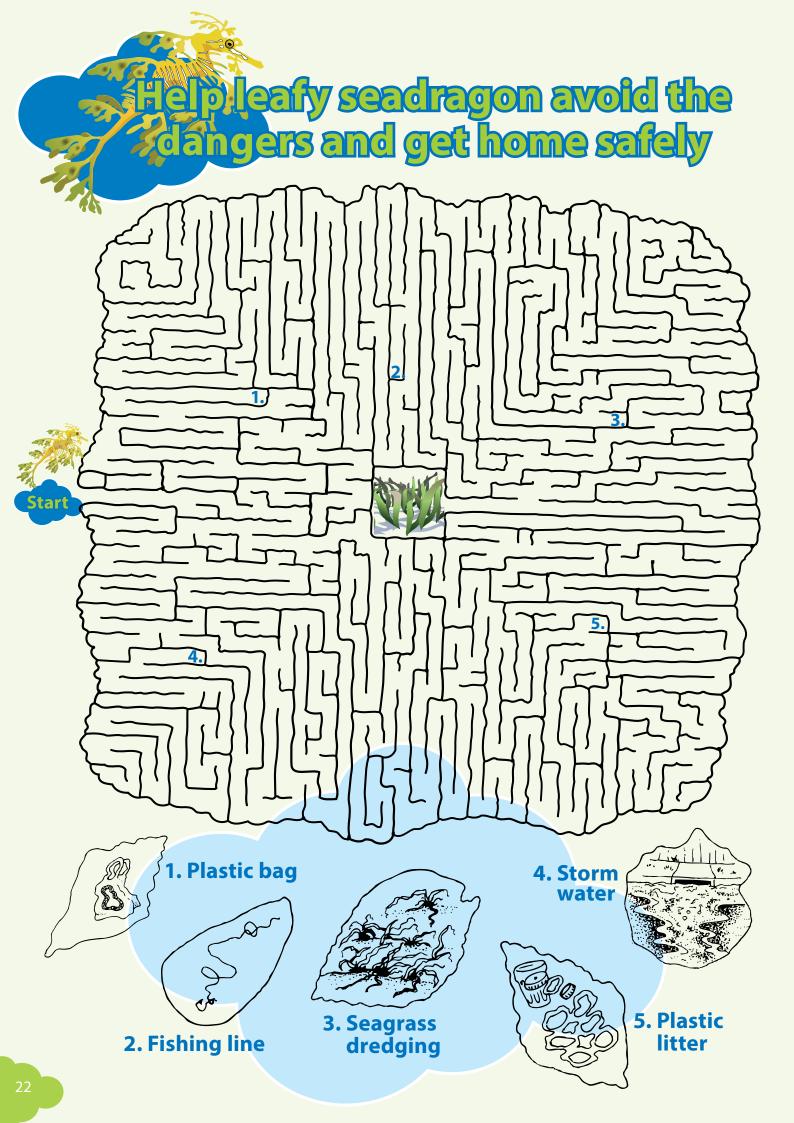
Flounder

An air-breathing mammal that eats seagrass, sometimes known as a 'sea cow'.

Coral reef

The biggest shark in the world.

Answers: page 23





Having fun in marine parks, page 4

Dowr

1. Kayak; 2. Whalewatching; 3. Fishing; 5. Kitesurf; 6. Surfing; Across

4. Dive; 6. Snorkel; 7. Windsurf; 8. Crabbing; 9. Swimming; 10. Boating

Seabirds word sleuth, page 11

Solution: Seabirds need healthy habitats to thrive.

Habitats in marine parks of southern WA, pages 12–13

Top side: Crested tern; cormorant

Seagrass, seaweed: Wrasse, sea urchin, seagrass, seaweed Open water: Dolphin, jellyfish, schooling fish, porcupine fish, cuttlefish

Underwater surfaces like jetty pylons, reefs or rocks: Soft corals, sponges, sea star, barnacles, sea squirts, sea slug, mussels, anemones, sponges, sea slug

Rubble and sand: Catfish, anglerfish, sea urchin, sea slug, sponges

Marine litter word sleuth, page 15

Solution: Protect marine animals and keep our beaches clean. Take rubbish home.

Match the words to their meanings, page 17

Marine park rangers People who look after our marine parks and precious marine animals.

Starvation What can happen to many marine animals due to rubbish being discarded at sea.

Drink cans Metal containers sometimes thrown into the ocean by people that can take up to 80 years to break down.

Hooks Sharp metal fishing equipment that can injure marine animals.

Fishing net Fishing equipment made of ropes that should not be discarded at sea, as it can be a danger to large marine animals.

Plastic bags See-through bags that do not break down in the ocean for up to 20 years.

Turtle A large marine reptile that sometimes accidentally eats plastic bags after confusing them with jellyfish, on which it feeds. Whale A large marine mammal that sometimes becomes entangled in floats, ropes and other fishing equipment.

Match the words to their meanings, page 21

Penguin A flightless bird that catches fish in the ocean.

Mangrove A tree that can grow in salt water and 'breathe' through its roots.

Flounder A fish that lies flat on the sea floor.

Seahorse An unusual-looking fish with a curled tail and a pouch on its belly in which its eggs are laid.

Dugong An air-breathing mammal that eats seagrass, sometimes known as a 'sea cow'.

Coral reef A hard structure built from living creatures that is home to many fish and other underwater animals .

Sponge A colourful underwater animal whose skeleton is sometimes used in the bath.

Whale shark The biggest shark in the world.

Sea star A marine animal that has usually has five or more arms but no face.

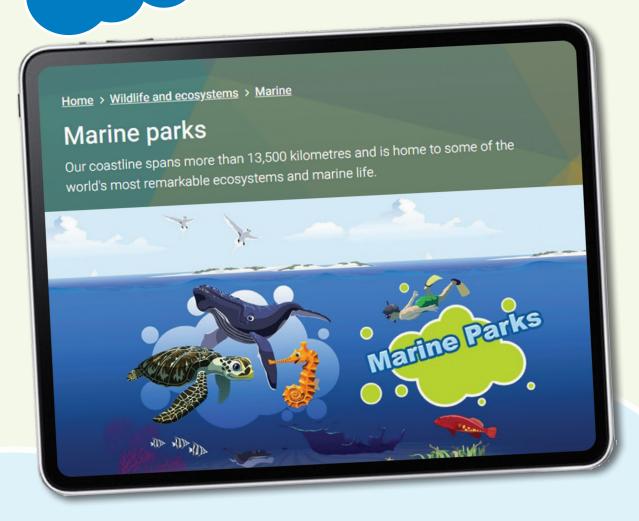
Sanctuary zone A zone in a marine park in which visitors can look but not fish or remove marine animals or plants.

Turtle A reptile that spends most of its life in the ocean except when it comes ashore to lay eggs.

Tern A seabird that nests on many islands in Western Australian marine parks.

Visit us online





For more information about marine parks in WA go to:

dbca.wa.gov.au/marineparkswa



or scan the QR code

Remember – reduce, reuse, recycle and keep our marine areas clean.

To find out more about marine litter go to dbca.wa.gov.au/wildlife-and-ecosystems/marine/marine-parks/marine-park-protectors



