



# welcome

# Kindy

## Explore & Discovery Trail

Teachers Mobile: .....

Group: .....

Kids names: .....

.....

.....

.....

.....

### Hints:

Give your group a nickname so that you can call 'sharks' rather than try and remember names. Please try not to yell.

There are bathrooms at reception and by the touch pool

Our exhibit areas are narrow so try and stagger your groups so that you can tell them apart (and keep them together)

There is a page at the back for you to record what your kids are curious about and specific questions that they want to investigate.

Yes our cafe does take-away coffee & tea!

### DIRECTIONS

This section tells you how to get to the exhibit area for each page of activities.

### ON THE WAY

This section will mention somethings to look out for along the way

Observing and Communicating are science skills. During your visit encourage kids to describe what they are seeing, smelling, hearing and touching.



THE AQUARIUM OF WESTERN AUSTRALIA

SEA FOR YOURSELF



## DIRECTIONS

Your underwater adventure begins in our Marina Bay outdoor exhibit area.

This is where your Ocean Guide will lead you for your greeting.



# 1. Meet our school

SCHOOLING FISH - MARINA BAY EXHIBIT AREA

## STORY TO TELL

A big group of fish is called a school.

No where to hide - Away from shore and from rocks and reefs, there is no where for fish to hide. To feel safe they swim together in a big group.

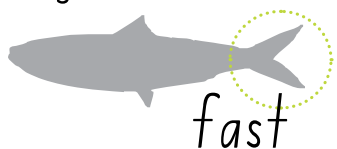
Taking Turns - When they are scared fish all take turns at hiding in the middle of the school. This makes them look like a giant ball.

Have a close look at our fish.

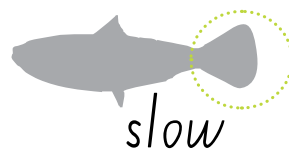
Are they silver and shiny or bright colours with patterns?



Do they have a fast tail or a slow tail?



fast



slow





## 2. Touch Pool

Signs have meanings.

What does the sign at the touch pool tell us to do?

.....

Can you find an animal shaped like a:



star

rectangle



While each child gently touches a sea creature ask:

How do you think it moves?

How do you think it eats?

.....

Can you find a baby port jackson shark?

Why do you think it has a flat tummy?

Port Jackson sharks like to lie down on the bottom.

If they had a round tummy like the big sharks then they might wobble over.

### DIRECTIONS

From the Marina Bay amphitheatre make your way up the stairs and follow the decking to our Touch Pool

### ON THE WAY

Stop off at the coral reef. Can you notice anything different about these fish?

## DIRECTIONS

Make your way to the start of our indoor exhibits!

1. Enter AQWA's indoor area via the cafe,
2. Turn right before the gift shop,
3. Walk straight ahead and then follow the path as it curves around to the left.
4. Go down the stairs

# 3. Underwater Tunnel



The fish have made a shape !

What shape is it?

Can you draw it in the air with your fingers?

When you are in the tunnel see if you can find any fins that are this shape.

Look at how the sharks and fish are swimming what way do their tails go?

Key words:

camouflage

fins

triangle

## STORY TO TELL

Shiny scales help these fish to hide.

They try to make a fish look invisible by reflecting back the colours of the water. Trying to hide by matching what is around you is called camouflage

Some of the smaller fish swim together in a group.

They feel safer with lots of other fish nearby.

It can also help them to swim faster.





## 4. Moon Jellyfish

PERTH COAST EXHIBIT AREA

### DIRECTIONS

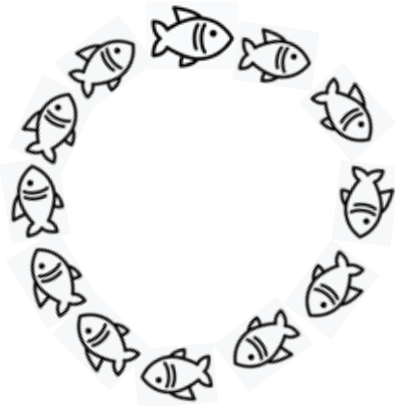
Return up the stairs and turn left.

You will be able to see the moon jellies straight ahead.

### ON THE WAY

Can you find an animal that starts with the letter:

O



The fish have made a shape !

What shape is it?

What shape is the jellyfish's body?

Why do you think they are called moon jellyfish?



Watch how the jellyfish move. Can you float your arms like a jellyfish? Can you copy their rhythm?

### STORY TO TELL

The tiny hair like tentacles catch food from the water.

Jellyfish eat plankton - tiny plants and animals that float in the water

Jellyfish have 4 tummies so that they can gobble up as much food as possible before it floats past. Can you find their tummies?

In aquariums people have to add food to the exhibits - how would you put food into this exhibit?

WOW! Our staff crawl across the ceiling to pour it in from the top.

Key words:  
plankton  
circle  
rhythm



# 5. The Ocean's Nursery

SEAGRASS - PERTH COAST EXHIBIT AREA

## STORY TO TELL

Plants are very important under the ocean.

They are food, they are places to hide, they are homes to live amongst and their roots can stop the waves from moving all the sand. This also protects our beaches and our homes.

Because seagrasses are a safe place to live lots of ocean babies grow up here. It is like a nursery or day care.

## DIRECTIONS

Continue to walk along the path, the seagrass exhibit is straight ahead.

## ON THE WAY

Keep moving like a jellyfish!



How many baby cuttlefish can you find?

Key words:

seagrass

feelings

Look at the sign next to the exhibit - Can any of the kids recognise some of the letters? Explain how the signs explain to visitors information about the animals.

Cuttlefish change colour to show how they are feeling.

How do we show our feelings? Can everyone make a happy face? Sad face? Mad? Shy? Brave? Scared?



# 6. The Rainbow Room

FAR NORTH EXHIBIT AREA

## DIRECTIONS

“Just keep swimming”  
– the path leads you straight into our Far North exhibit area – home to our colourful coral reefs.



## STORY TO TELL

Coral reefs are very colourful places to live.

Everything is so colourful you need to be colourful and have patterns to help you hide.

Corals are animals that build houses for all the fish and other animals to live amongst.

Look for colourful rocks – these are corals and they are animals! They don't move their whole bodies like we do but at night they stretch out their tentacles to catch food and tell their neighbours not to grow too close!

Key words:

coral  
pattern



Can you find a fish with a pattern like this?

Can you find a fish for every colour of the rainbow?

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Red    | <input checked="" type="checkbox"/> Orange |
| <input checked="" type="checkbox"/> Purple | <input checked="" type="checkbox"/> Pink   |
| <input checked="" type="checkbox"/> Yellow | <input checked="" type="checkbox"/> Green  |
| <input checked="" type="checkbox"/> Blue   |  |



# 7. Baby crocodiles

FAR NORTH EXHIBIT AREA

## STORY TO TELL

These are baby crocodiles, big kids are the size of the model and some grown ups are 6m long! Crocodiles move by swimming, climbing and walking. They can also jump high to catch food. To help them move they have:

1. A big strong tail to push them through the water;
2. Strong legs for big jumps
3. Webbed feet for swimming;
4. Claws for climbing and holding on.

## SING A CROCODILE SONG:

Baby crocodile, baby crocodile (move index finger & thumb)

.....Don't you bite (shake finger like saying NO)

Don't you bite

I can run away from you (move arms fast like your running)

I can run away from you

Out of sight ( hand over eyes, then open like peek a boo)

Out of sight

Mummy crocodile, Mummy crocodile ( two hands snap open and closed).....

Daddy crocodile, Daddy crocodile (Use whole arms to make snaps) .....

## DIRECTIONS

You are in the right area! The crocodiles are behind the central lagoon

## ON THE WAY

Can you use hands / footsteps to measure how big the model crocodile is?



Key word: move



Kindy

yay!

Well done!

You've completed your booklet!

Before making your way to the meeting point to go back on the bus. Have a quick think about all the different things you have seen.

What was the best thing that you saw?

What was the best thing that you did?

thanks for  
visiting



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## curiosity page

"Science is about being curious and taking steps to explore that curiosity by asking questions, finding answers and sharing discoveries"

*Things we were curious about:*

*Things that we discovered and liked to tell each other about:*

*Classic comments:*

*Key words:*  
wonder  
discover  
investigate