

Ocean Animals

Science

Year 1/2

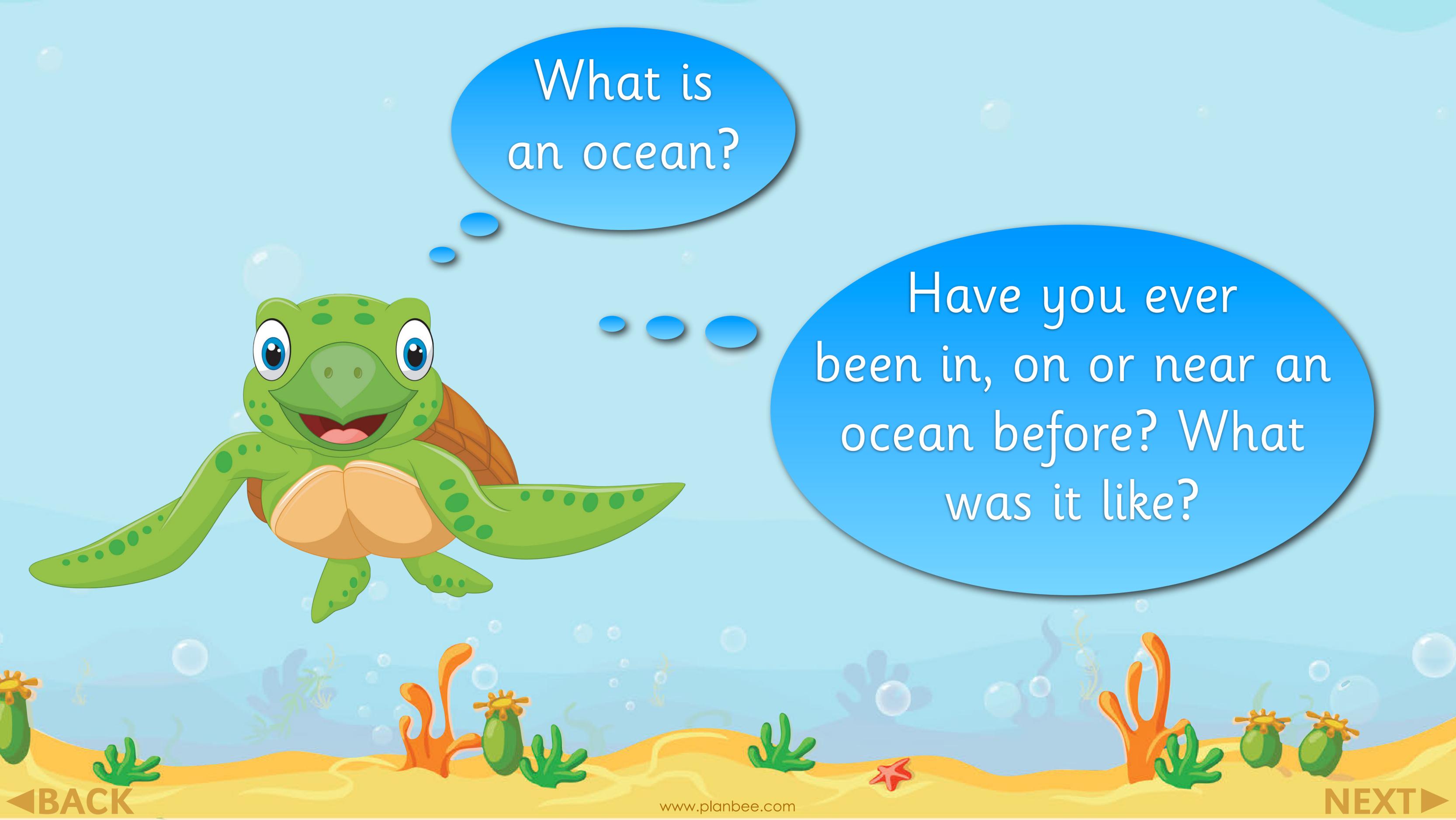
Lesson 1 of 3

Learning Objective	Resources	
To be able to identify, describe and classify a variety of ocean animals.	Slides Animal Cards and Name Cards Word Mat Riddle Cards Picture Cards 1A/1B Worksheet 1A/1B (FSD? activity only)	
Teaching Input		
<ul style="list-style-type: none"> • What is an ocean? Have you ever been on, in or near an ocean before? What was it like? Invite children to share their experiences then briefly explain what an ocean is. • Explain that oceans are teeming with both plant and animal life. Ask children to imagine they are going to go deep-sea diving to see which animals they can see in the ocean. Show children the pictures of different animals on the slides. Explain that if they think the animal lives in the ocean they should 'swim' over to one side of the room, and if not swim over to the other. Pretend to put goggles and snorkels on, then go through the pictures one-by-one on the slides. • Show a variety of ocean animals altogether. What do all these animals have in common? What things are the same about them? What things are different? Children to think, pair, share their ideas. • Explain that scientists sort animals into groups depending on what characteristics the animals have. Go through the brief information on the slides about fish, mammals, reptiles and invertebrates, showing examples of each one, some that live in oceans and some that don't. 		
Main Activity		
<p><u>Lower ability:</u></p> <p>In small groups, provide children with two hoops as well as the Animal Cards and Name Cards. Place the Animal Cards face-down in one hoop and the Name Cards face-down in the other. Children take it in turns to pick one card from each. If they match, they keep the pair. The child with the most pairs wins. Children may use the Word Mat for reference if necessary.</p>	<p><u>Middle ability:</u></p> <p>Provide children with a set of the Riddle Cards. Children to read the riddles and match them to the correct answers to identify different ocean animals.</p>	<p><u>Higher ability:</u></p> <p>Provide children with a set of Picture Cards 1A in small groups. Children to place the cards face-down on the table. They then take it in turns to pick a card and describe the animal to the rest of the group to see if they can guess which ocean animal is being described.</p>
Fancy something different...?		
<ul style="list-style-type: none"> • Provide children with a set of Picture Cards 1A and 1B, cut up and mixed up. Challenge children to sort the animals into those that live in oceans and those that don't. Children can record this on worksheet 1A. • EXTEND - When children have finished this task, ask them to look closely at the ocean animals. How could we sort these animals into groups? On worksheet 1B, children to sort the animals according to the criteria shown, then think of their own way of sorting the animals into two groups. 		
Plenary	Assessment Questions	
<p>Show children the images of the ocean animals on the slides shown through the peep hole. Can you guess which ocean animal this is? Go through the animals as a class, inviting children to share their answers for each one.</p>	<ul style="list-style-type: none"> • Can children name and identify some ocean animals? • Can children describe some basic differences between mammals, reptiles, fish and birds? • Can children describe a variety of ocean animals? 	

Ocean Animals

Today we will be...

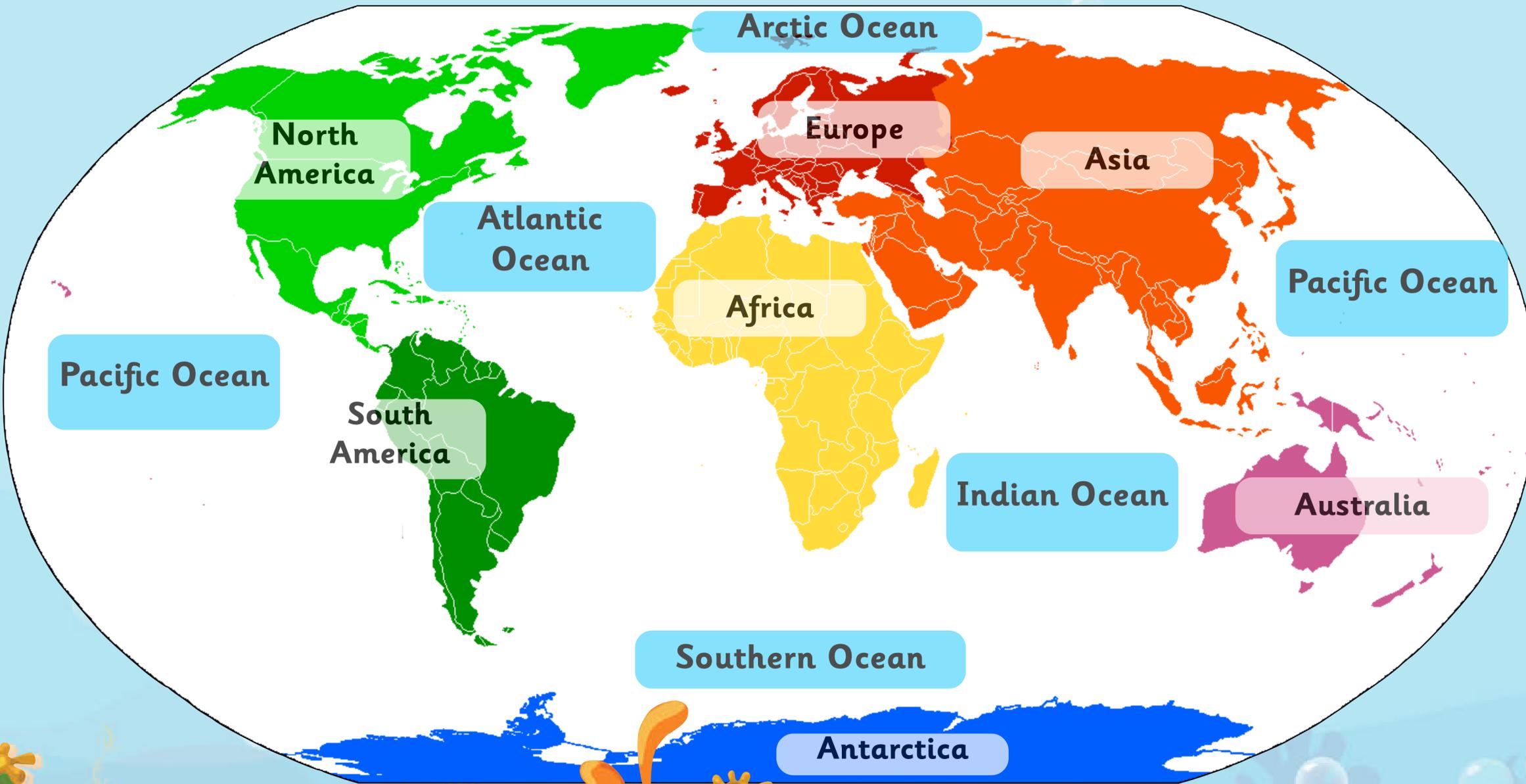
Identifying and describing some different animals that live in the ocean.



What is
an ocean?

Have you ever
been in, on or near an
ocean before? What
was it like?

An **ocean** is a large area of salty water. A lot of the Earth's surface is ocean. There are five oceans in the world, as well as lots of seas which are smaller areas of water.



Here is a map of the world. Can you read the names of the five oceans?



Oceans are teeming with plants and animals. We know about these plants and animals from scientists who dive into the ocean with special equipment so they can breathe. This is called scuba diving.

Why does this scuba diver have a tank on her back?
What is it for?



Let's go scuba diving!

You're going to see some pictures of animals.

If you think this animal **lives** in the ocean,
swim over to this side of the room.



If you think it **doesn't live** in the ocean,
swim over to this side of the room.

Are you ready? Don't forget to put
on your goggles and snorkel!



NO

Does it live in the ocean?

YES



shark

◀ **BACK**

NEXT ▶

Yes it does!



shark



◀BACK

NEXT ▶

NO

Does it live in the ocean?

YES



chicken

◀ **BACK**

www.planbee.com

NEXT ▶

No it doesn't!



chicken

NO

Does it live in the ocean?

YES



zebra

◀ **BACK**

www.planbee.com

NEXT ▶

No it doesn't!



zebra

NO

Does it live in the ocean?

YES



octopus

◀ **BACK**

NEXT ▶

Yes it does!



octopus

NO

Does it live in the ocean?

YES



garden snail

◀ **BACK**

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NEXT ▶

No it doesn't!



garden snail

NO

Does it live in the ocean?

YES



seahorse

Yes it does!



seahorse

NO

Does it live in the ocean?

YES



eel

Yes it does!

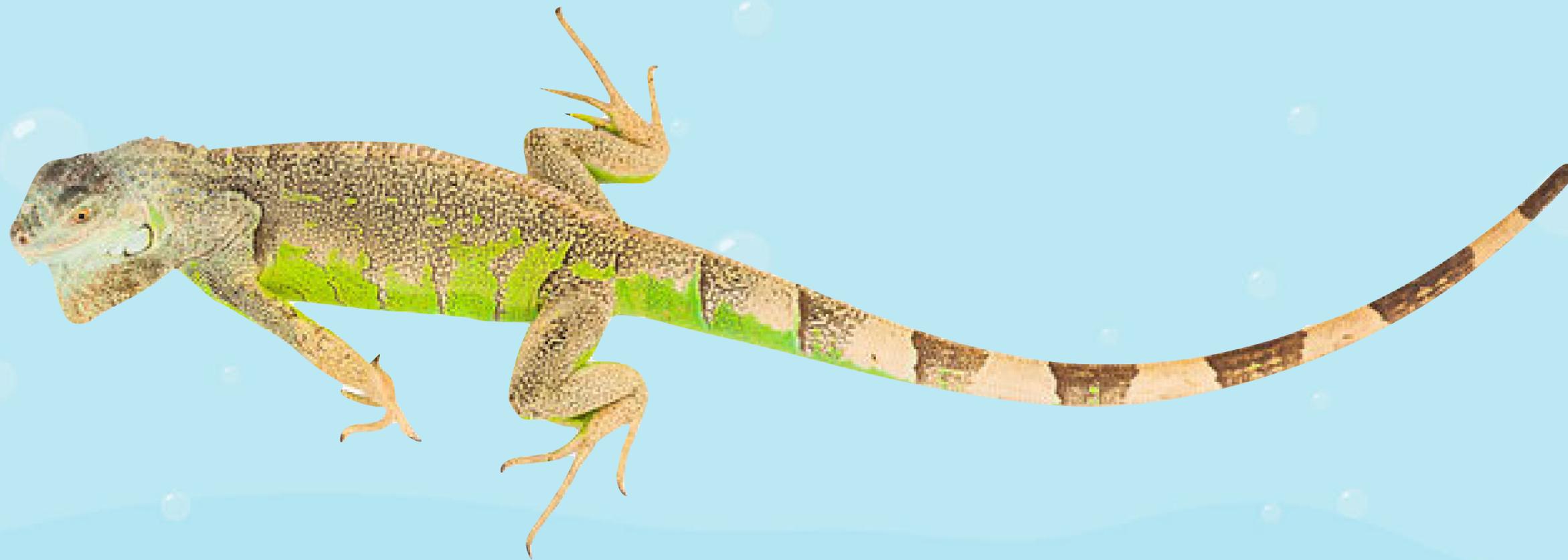


eel

NO

Does it live in the ocean?

YES

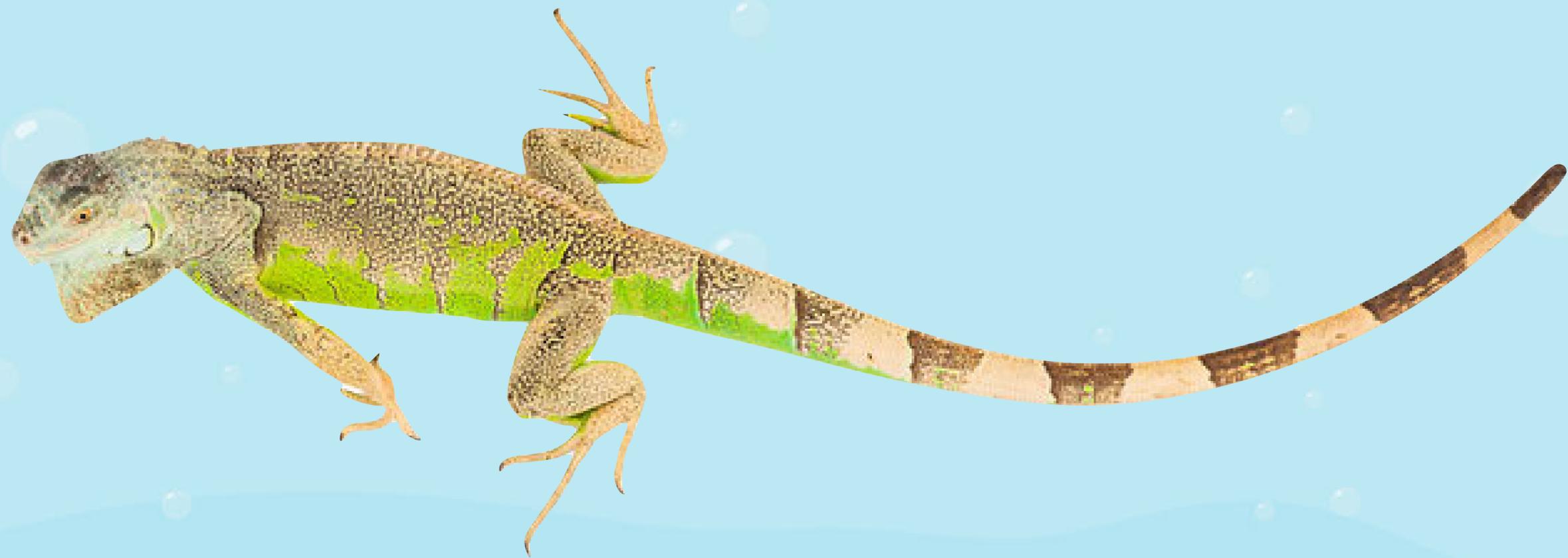


iguana

◀ **BACK**

NEXT ▶

No it doesn't!



iguana

NO

Does it live in the ocean?

YES



dolphin

◀ **BACK**

NEXT ▶

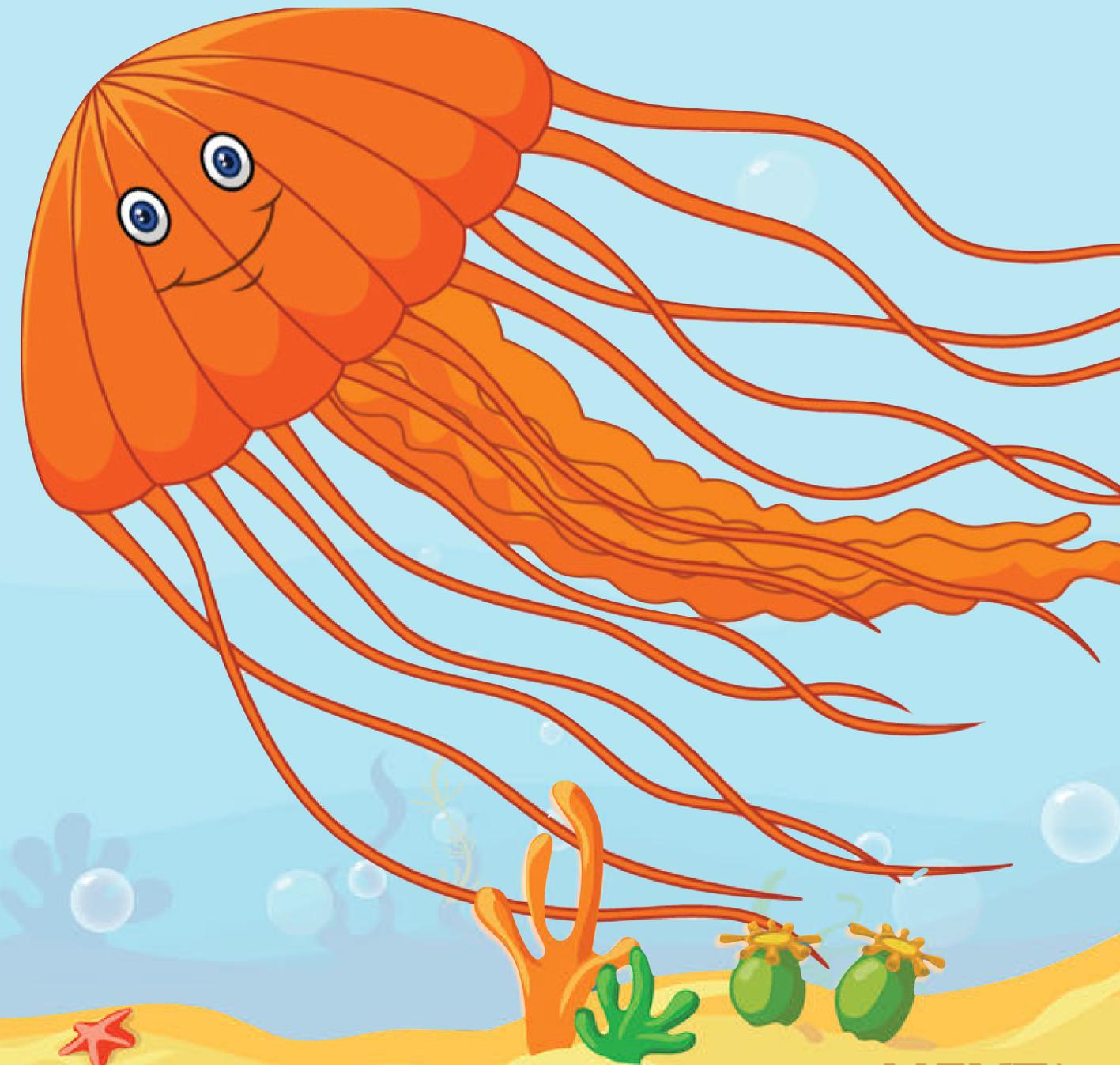
Yes it does!



dolphin

Well done! You identified lots of ocean animals!

We're going to look at some more ocean animals on the next slide. Look carefully at them. What do they have in common? What differences are there between them?





clown fish



sea turtle



whale



eel



star fish



stingray



crab



jellyfish



shark



seahorse



puffer fish



lobster



octopus

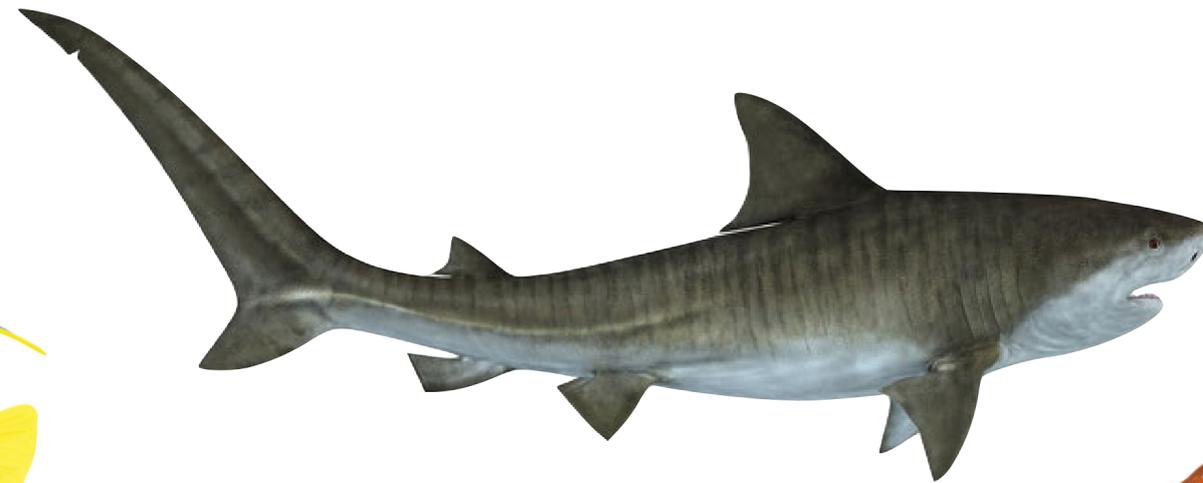
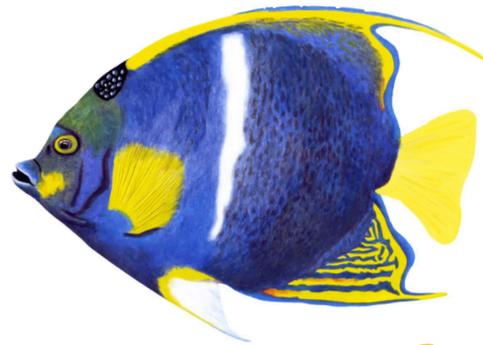


dolphin

Scientists sort animals into different groups depending on what **characteristics** they have.

Fish

Lots of animals that live in oceans are fish. Fish have **gills** to let them breathe underwater and **fins** to help them move in water.



Reptiles

Reptiles have **scaly skin**. Most reptiles live on land but some live in the ocean. Reptiles can't breathe underwater so if they live in the ocean they have to come to the surface to **breathe air**.



Which of these reptiles lives in the ocean?



Which of these mammals live in the ocean?

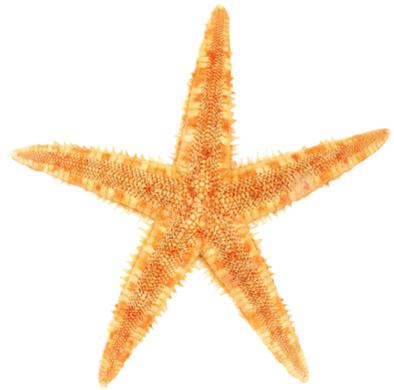
Mammals

Mammals have **fur** or **hair** and give birth to **babies** instead of laying eggs. Mammals can't breathe underwater. Mammals that live underwater have to come to the surface for **air**, just like reptiles.



Invertebrates

There are lots and lots of different types of animals in this group. Being an invertebrate means you **have no backbone**. Instead, invertebrates often have **soft bodies**, sometimes with **shells** for protection.



Which of these invertebrates live in the ocean?

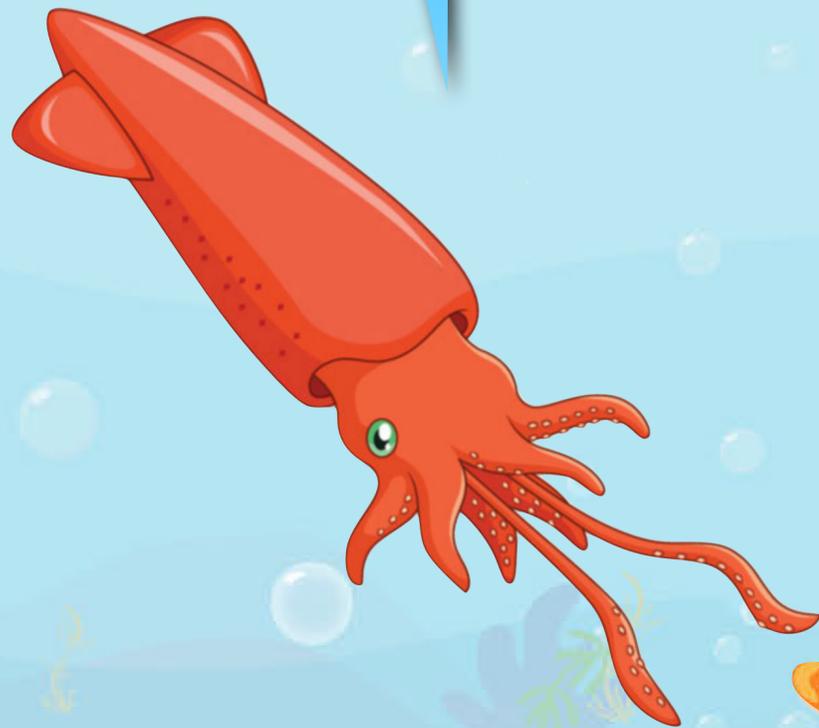


We've
learnt a lot about
animals that live in the ocean
today! Well done
everyone!

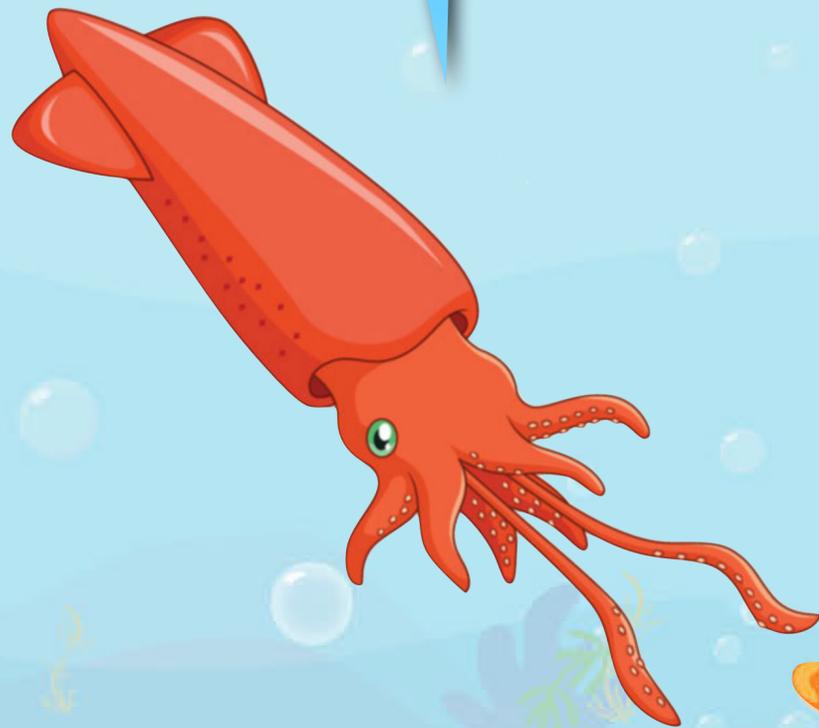


Plenary:

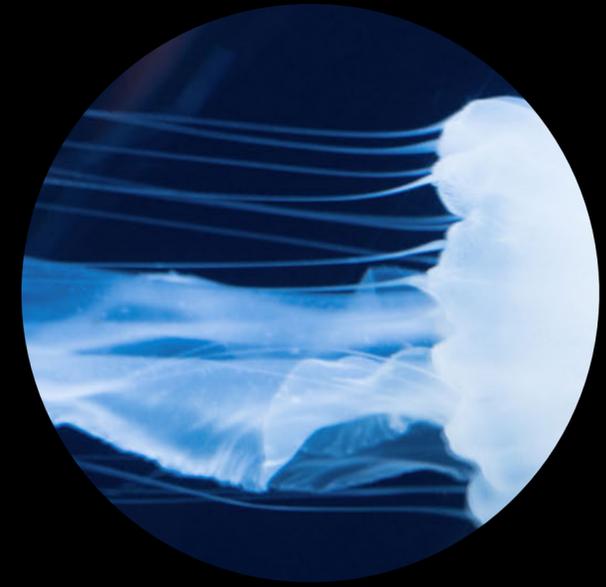
Can you guess
what this ocean
animal is?



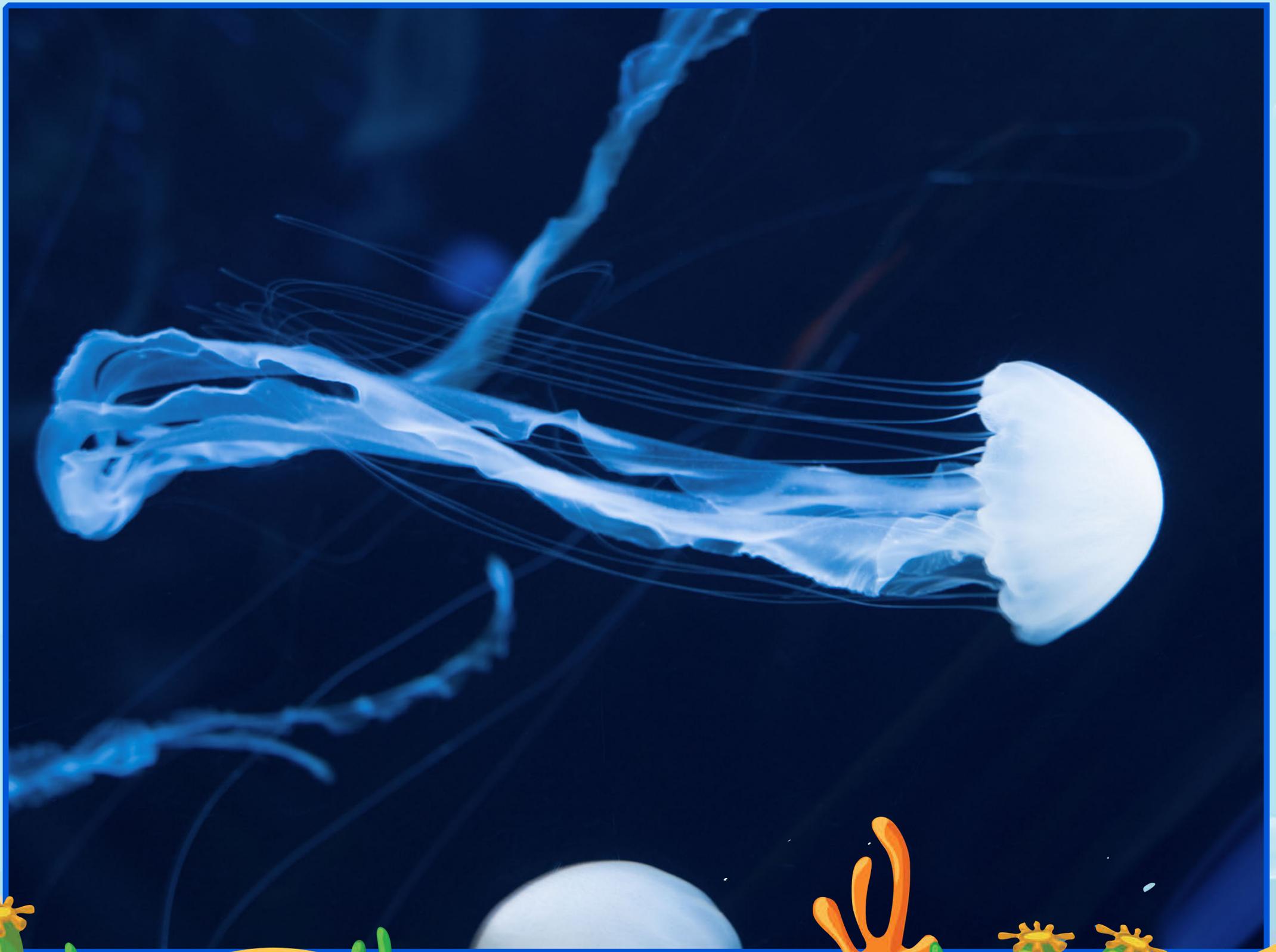
It was an
octopus! Did you
get that one
right?



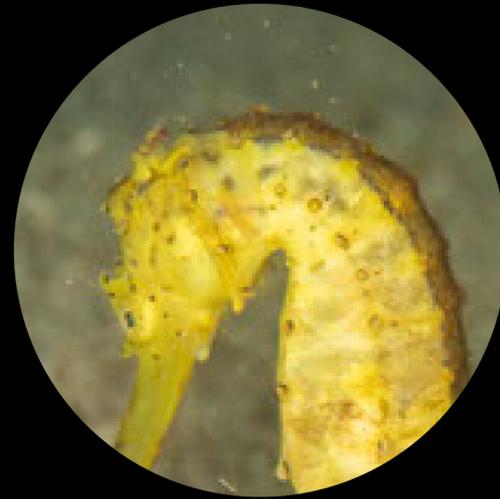
Can you guess
what this ocean
animal is?



It was a jellyfish! How did you know what it was?



Can you guess
what this ocean
animal is?



It was a seahorse! Well done if you guessed it!



Can you guess
what this ocean
animal is?



It was a
dolphin! That was a
tricky one!



Can you guess
what this ocean
animal is?



It was a crab!
That one was super
tricky!



Can you guess
what this ocean
animal is?



It was a shark!
Well done
everyone!





jellyfish

octopus

whale

clown fish

sea turtle

crab

puffer fish

shark

stingray

eel

dolphin

lobster

angelfish

starfish

seahorse

jellyfish

octopus

whale

clown fish

sea turtle

crab

puffer fish

shark

stingray

eel

dolphin

lobster

angelfish

starfish

seahorse

Animals of the Ocean



whale



sea turtle

jellyfish



shark

puffer fish



dolphin

clown fish



crab



seahorse

starfish



eel

oyster



octopus



stingray

lobster



squid



Animals of the Ocean



whale



sea turtle

jellyfish



shark

puffer fish



dolphin

clown fish



crab



seahorse

starfish



eel

oyster



octopus



stingray

lobster



squid



- I have a hard shell on my back.
- I have four legs.
- I can't breathe under water.

What am I?

- I have a soft body.
- I have eight legs.
- I can breathe underwater.

What am I?

- I have fins and gills.
- I am a large fish.
- I often have sharp teeth.

What am I?

- I am a small fish.
- I have fins and gills.
- I am orange and white.

What am I?

- I have a soft body.
- I have lots of long tentacles.
- I look a bit like a mushroom!

What am I?

- I have a long, thin body.
- I look a bit like a snake but I am a fish.
- I have fins and gills.

What am I?

- I have a hard covering all over my body and my legs.
- I have feelers.
- I have sharp claws.

What am I?

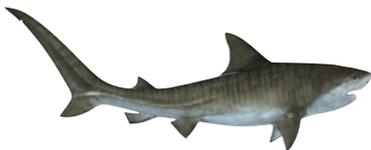
- I look like a fish but am a mammal.
- I have fins but not gills.
- I am black and white.

What am I?

- I have a hard covering all over my body and my legs.
- I have sharp claws.
- I don't have a tail.

What am I?

I am a shark!



I am a sea turtle!



I am a jellyfish!



I am a lobster!



I am a clown fish!



I am a crab!



I am an octopus!



I am an eel!



I am a whale!





sea turtle



whale



eel



starfish



stingray



jellyfish



shark



octopus



lobster



puffer fish



dolphin



seahorse



clown fish



oyster



crab



dog



parrot



goat



frog



butterfly



snake



badger



ladybird



sheep



owl



hippo



bear



duck



elephant



crocodile

Name: _____

Date: _____



Can you sort the animals into those that live in the ocean and those that don't?

Lives in the ocean	Does not live in the ocean

Name: _____

Date: _____

Can you sort some ocean animals into these groups?



Has fins	Does not have fins

Has legs	Does not have legs



Can you think of your own way of sorting the ocean animals into two groups?