

# Oceans

**Segment:** Primary

**Level:** Elementary

**Materials:** Bag of clean plastic waste items; ocean animals flashcards; ocean animals mini; ocean names

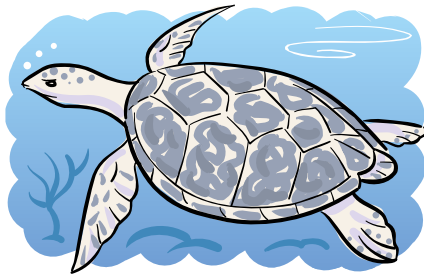
**Links:**

[www.worldoceansday.org](http://www.worldoceansday.org);

[www.litterati.org](http://www.litterati.org);

[www.trashedworld.com](http://www.trashedworld.com).

1) To make children aware of World Oceans Day	I can say what World Oceans Day is and why it is important
2) To teach the names and locations of the oceans	I can name the 5 oceans
3) To teach some of the life in our oceans	I can name some of the animals that live in the 5 oceans
4) To teach about the importance of disposing of waste properly (particularly plastic waste)	I can explain where plastic waste should go
5) To get the learners cooperating on pair and group tasks	I can work with others and achieve set goals



## Lesson procedure

### Warm-up activity

- 1) Go to [www.worldoceansday.org](http://www.worldoceansday.org) and get the children to watch the introductory video on the home page. Ask the children what they think happens on World Oceans Day.
- 2) Explain about World Oceans Day using the ideas in the introductory text on this site.

# Oceans



## Warm up activity - continued

*'World Oceans Day, June 8th, is a time when people all around the world do something to show their appreciation for the world's oceans. We are all connected to the oceans in some way and we are all invited to celebrate and honour the oceans. There are many reasons why we should do our best to protect our oceans.*

*The oceans create most of the oxygen we breathe and they help to feed us. The oceans help to regulate our climate and they also clean the water we drink.*

*Additionally, many of our medicines come from the oceans. The oceans also provide us with endless enjoyment.'*

- 3) Tell the children they are going to learn about the world's oceans and then they will decide what they can do together to celebrate the world's oceans on this special day.



## Naming the world's oceans

- 1) Ask the children if they know the names of any of the world's oceans.
- 2) Show the map of the world's continents and oceans (next page).



# Oceans



## Naming the World's Oceans - continued

Arctic



- 3) Point out the 5 oceans and have the children repeat the names as you point to them. Use printed out flashcard texts for the names in large letters to do this.

*The Atlantic Ocean*

*The Southern Ocean*

*The Pacific Ocean*

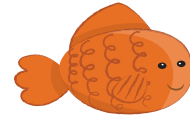
*The Arctic Ocean*

*The Indian Ocean*

- 4) Make space in your classroom on the floor and place the names of the oceans roughly in the places they are shown on the global map. (Note – it may help to use two printouts for 'The Pacific Ocean'.) Get children to help you place the 'oceans' on the floor.

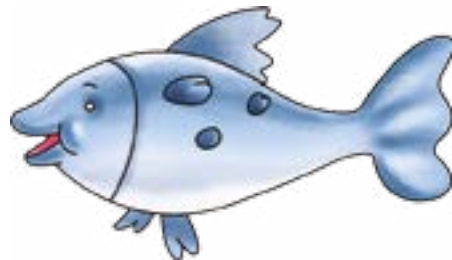
- 5) Repeat the names again with the class saying 'So, we have ...? over here, and over here ...?'

# Oceans



## **Naming ocean animals**

- 1) Show the flashcards of the 10 ocean animals (flashcard.doc) and ask the children if they know the names of any of the animals. Repeat the names of the animals with the children.
- 2) Ask if anyone knows where the animals live. Take any answers from the children and tell the children they are going to learn where the animals live in the world's oceans.



## **Locating ocean animals**

- 1) Hand out the ocean animal mini flashcards (flashcards-mini.doc) to the children. There are 10 so you can do this individually, in 2s or 3s depending on the size of your class. Or, print out more copies if you want everyone to have their own animal.
- 2) Ask a child to show their picture and to ask their question underneath. Tell the children that one of them has the answer to the question and let them take a look at their own flashcards.
- 3) Tell the children that you want them to stand up and go and ask their question to the other children in the class. When they find their answer, they must place their flashcard in the correct ocean on the floor map and then stand by their animal. They have to stay there because someone may still need to come and ask them their question to find the answer they have on their flashcard.
- 4) Tell the children if they don't have the answer to say 'I don't know' and move on. Ask for quiet when the floor map is complete and ask questions 'Where does the polar bear live?', 'Where does the blue whale live?' etc. Taking answers from the children. Explain that some of these animals live in other oceans too.

# Oceans

## Talking about plastic in the ocean

- 1) Leave the map on the floor and ask the children to sit down.
- 2) Show a picture of ocean plastic waste. One is provided here.



- 3) Ask the children what plastic rubbish they can see in the picture. Ask what other plastic rubbish can they think of. Write them on the board/screen for reference, but don't try to learn them. Prepare a bag of clean plastic items of rubbish, bottle, cup, straw, net, rope, box, styrofoam plate, fork to show other plastic waste items.
- 4) Ask why plastic can be a problem for all the animals in our oceans? (Note – accept mother tongue if necessary). Explain that animals frequently eat the plastic and die from being unable to eat anything else. Animals can also get trapped in plastic and die because they cannot escape. Explain that it is important that we deal with our waste properly so that it does not end up in an ocean. Say that we can recycle plastic, reuse plastic, or we can do without it and use alternatives.

# Oceans

## **Singing about ocean waste**

**Sing the song - My Rubbish Floats over the Ocean (to the tune of My Bonny, or choose your own melody!).**

Optional - use some of the plastic rubbish items you prepared here and as you sing give them to children to 'float' or 'swim' over an ocean to land in the floor map. As you get to the end of the chorus, have the children go and get them back and return to your 'waste bag' or box.

*My rubbish floats over the ocean  
My rubbish floats over the sea  
My rubbish floats over the ocean  
Oh bring back my rubbish to me*

### **Chorus**

*Bring back, bring back, oh bring back my rubbish to me, to me  
Bring back, bring back, oh bring back my rubbish to me, to me*

*Let's keep our waste out of the ocean  
Let's keep our waste out of the sea  
Let's keep our waste out of the ocean  
And make something useful for free*

### **Chorus**

*Bring back, bring back, oh bring back my rubbish to me, to me  
Bring back, bring back, oh bring back my rubbish to me, to me*



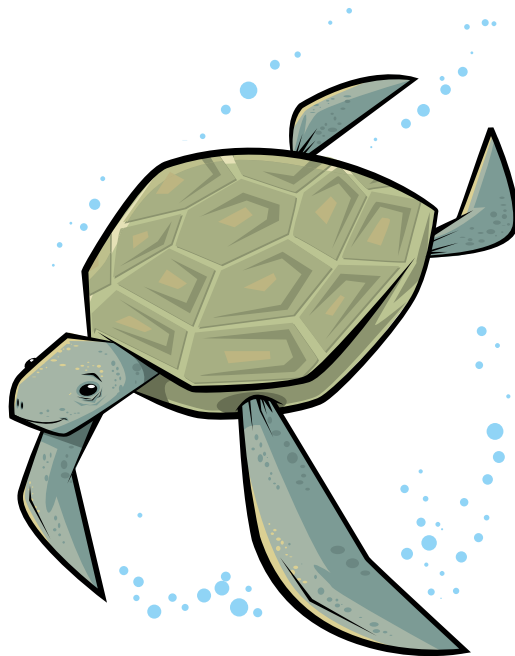
# Oceans

## Discussing plans for World Oceans Day

Talk with your children about what they can do to celebrate World Oceans Day. Try to get your children to do something about plastic waste.

### Three options offered here are:

- 1) Use some old plastic bottles to make plant pots to keep in your classroom or school and grow seedlings in them.
- 2) Carry out a 'Litterati' audit of plastic waste around the school and neighbourhood (take photos, label pictures, upload to global GPS maps, put items in the bin) and advertise your results in a poster in school ([www.litterati.com](http://www.litterati.com)).
- 3) Join a project and do a school exchange on plastic waste where you live ([www.trashedworld.com](http://www.trashedworld.com)) and share your work with the world!



# Oceans

Ocean names

The Atlantic Ocean

The Southern Ocean

The Pacific Ocean

The Arctic Ocean

The Indian Ocean



# Oceans

## Flashcards



### **Your question**

*Where do Polar Bears live?*

### **Your Answer if someone asks about Walruses**

*Walruses live in the Artic Ocean*

### **Your answer if someone asks about other animals**

*I don't know*

# Oceans

## Flashcards



### **Your question**

*Where do Walruses live?*

### **Your Answer if someone asks about Penguins**

*Penguins live in the Southern Ocean*

### **Your answer if someone asks about other animals**

*I don't know*

# Oceans

## Flashcards



### **Your question**

*Where do Penguins live?*

### **Your Answer if someone asks about Blue Whales**

*Blue Whales live in the Southern Ocean*

### **Your answer if someone asks about other animals**

*I don't know*

# Oceans

## Flashcards



### **Your question**

*Where do Blue Whales live?*

### **Your Answer if someone asks about Hammerhead Sharks**

*Hammerhead Sharks live in the Pacific Ocean*

### **Your answer if someone asks about other animals**

*I don't know*

# Oceans

## Flashcards



### **Your question**

*Where do Hammerhead Sharks live?*

### **Your Answer if someone asks about Sea Turtles**

*Sea Turtles live in the Pacific Ocean*

### **Your answer if someone asks about other animals**

*I don't know*

# Oceans

## Flashcards



### **Your question**

*Where do Sea Turtles live?*

### **Your Answer if someone asks about Great White Sharks**

*Great White Sharks live in the Atlantic Ocean*

### **Your answer if someone asks about other animals**

*I don't know*

# Oceans

## Flashcards



### **Your question**

*Where do Great White Sharks live?*

### **Your Answer if someone asks about Narwhals**

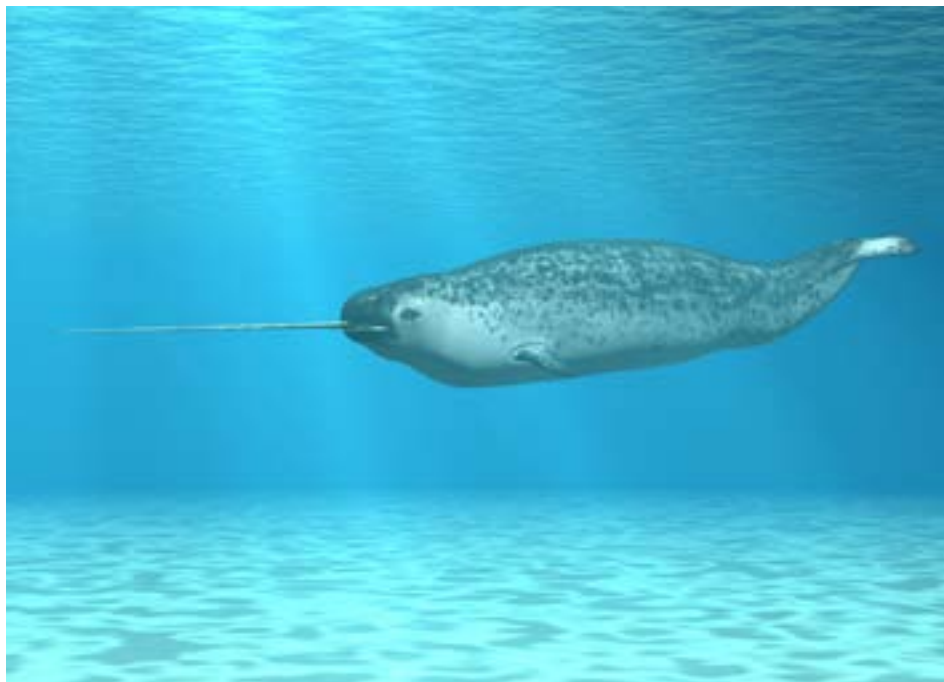
*Narwhals live in the Atlantic Ocean*

### **Your answer if someone asks about other animals**

*I don't know*

# Oceans

## Flashcards



### **Your question**

*Where do Narwhals live?*

### **Your Answer if someone asks about Dolphins**

*Dolphins live in the Indian Ocean Ocean*

### **Your answer if someone asks about other animals**

*I don't know*



# Oceans

## Flashcards



### **Your question**

*Where do Dolphins live?*

### **Your Answer if someone asks about Seahorses**

*Seahorses live in the Indian Ocean Ocean*

### **Your answer if someone asks about other animals**

*I don't know*

# Oceans

## Flashcards



### **Your question**

*Where do Seahorses live?*

### **Your Answer if someone asks about Polar Bears**




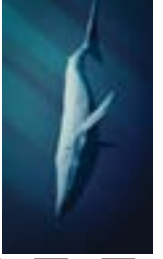

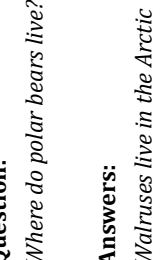
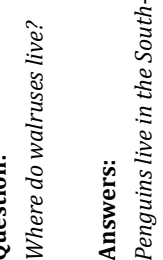
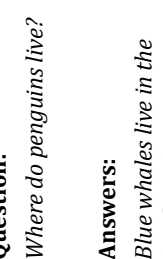
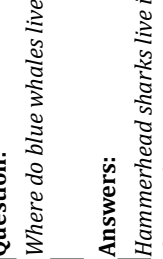
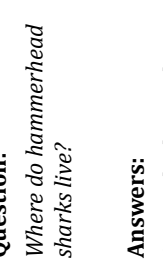
*Polar Bears live in the Artic Ocean*

### **Your answer if someone asks about other animals**

*I don't know*

# Oceans

## Mini Flashcards

Polar Bear		<b>Question:</b> Where do polar bears live?	<b>Answers:</b> Polar bears live in the Arctic Ocean. or I don't know.
Walrus		<b>Question:</b> Where do walrus live?	<b>Answers:</b> Walrus live in the Southern Ocean. or I don't know.
Penguin		<b>Question:</b> Where do penguins live?	<b>Answers:</b> Penguins live in the Southern Ocean. or I don't know.
Blue Whale		<b>Question:</b> Where do blue whales live?	<b>Answers:</b> Blue whales live in the Pacific Ocean. or I don't know.
Hammerhead Shark		<b>Question:</b> Where do hammerhead sharks live?	<b>Answers:</b> Hammerhead sharks live in the Pacific Ocean. or I don't know.
Sea Turtle		<b>Question:</b> Where do sea turtles live?	<b>Answers:</b> Sea turtles live in the Atlantic Ocean. or I don't know.
Great White Shark		<b>Question:</b> Where do great white sharks live?	<b>Answers:</b> Great white sharks live in the Atlantic Ocean. or I don't know.
Narwhal		<b>Question:</b> Where do narwhals live?	<b>Answers:</b> Narwhals live in the Arctic Ocean. or I don't know.
Dolphin		<b>Question:</b> Where do dolphins live?	<b>Answers:</b> Dolphins live in the Indian Ocean. or I don't know.
Seahorse		<b>Question:</b> Where do seahorses live?	<b>Answers:</b> Seahorses live in the Arctic Ocean. or I don't know.