



TEACHERS' RESOURCES



# 'OCEAN ADVENTURES'

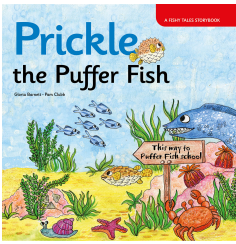
*from the Weird Fish Lady*

Educational resources for primary school teachers  
from an ocean education specialist



# YEAR ONE TERM TWO

# Contents:



## Year 1: Term 2

### Reading: Fishy Tales Book

### 2. Prickle the Pufferfish Book

Narrated Video” Prickle the Puffer Fish StoryTime’ - narrated by the author

Narrated Video : Pufferfish

Booklet 2: Ocean World Lesson 1

PowerPoint: ‘Ocean World’ with basic information on Planet Earth. Water:  
Land 70%: 30%

Narration for Powerpoint

Worksheets: Chart of Ocean names

Lesson Plan 1 :Section C Info Sheet 1b. Explore Ocean Depths

## Narration for Activity 1 - Powerpoint

### Slide 1

#### Title

Photo shows two **masked butterfly fish** from the Red Sea in Egypt. These fish mate for life and always swim close together.

### Slide 2

#### What makes our planet so blue?

Planet Earth – photo taken by astronauts whilst on their journey to the moon in Apollo 17 in December 1972. Our Earth is shaped like a beach ball – round but flattened at the top and bottom. The blue is the water. White is clouds. Green is land.

### Slide 3

#### More water than land?

A diagram of a ‘flat’ Earth shows all the continents and all the oceans which make up the surface of our Planet. The Pacific has been split in half in order to lay out the Earth diagram as a flat surface. The image shows all the continents (land) at one time. The five main Oceans: Pacific, Indian, Atlantic, Arctic and Southern Oceans are sometimes called “The World Ocean” as the water droplets travel freely between the different oceans.

### Slide 4

Seventy per cent of the surface of the Earth is Ocean - thirty per cent is land

Differentiate for children - do they know about percentages?

ASK: How much water in the Pacific? (this is disguised due to the map of the world being sliced through the Pacific Ocean and shown at both sides (both East and West), and therefore is more difficult to judge.) Answer on next slide.

### Slide 5

#### The Pacific is the largest ocean on our planet. How much of the surface does it cover?

Photo taken from a satellite in space. The Pacific is the largest ocean on Earth and covers nearly one-half of the whole planet. How much of the surface does it cover?

### Slide 6

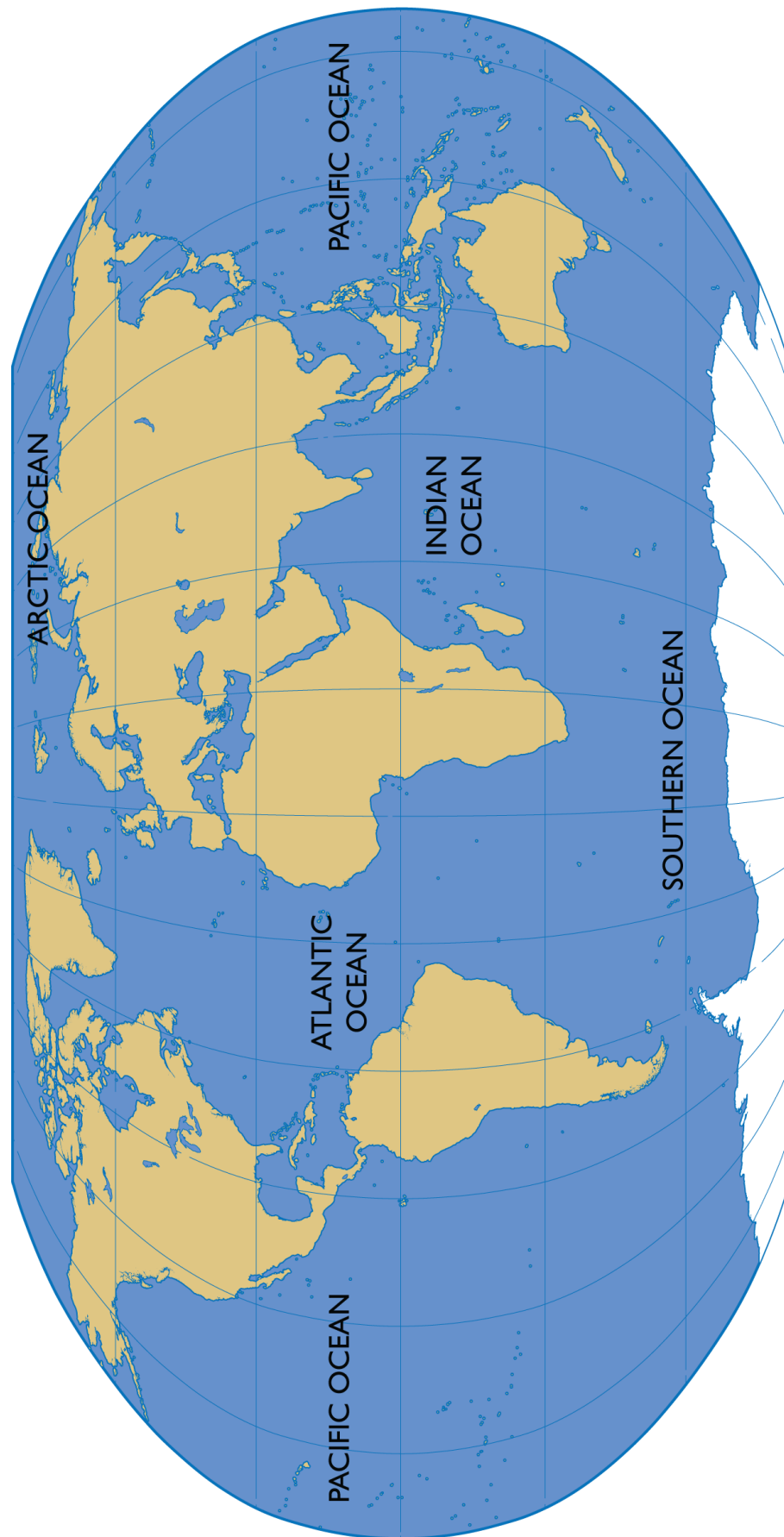
#### The Pacific Ocean takes up almost half of the planet.

Forty six per cent. You can just see a bit of Australia (bottom left), the Islands of New Zealand (right of Australia), some Pacific Islands (dotted around the middle) and a bit of the USA (at the top right.)

**Question:** If the Pacific takes up forty six per cent, what percentage of the Earth do all the other Oceans make up? **Answer:** The Atlantic Ocean, Indian Ocean, Arctic and Southern Ocean make up 24%.

### Slide 7

**Question:** Which bits of the World Ocean do you think is the deepest?



## The World Oceans

	<b>Average Depth (Metres)</b>	<b>Deepest</b>	<b>Depth (metres)</b>
<b>Arctic Ocean</b>	1,038	Eurasian Basin	5,450
<b>Atlantic Ocean</b>	3,735	Puerto Rico Trench	7,725
<b>Indian Ocean</b>	3,883	Java Trench	8,648
<b>Pacific Ocean</b>	4,187	Mariana Trench	11,034

