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Ocean, the Indian Ocean, the Pacific Ocean and the Southern (or Antarctic) Ocean.

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Ocean, Sea or something else?

Smaller ocean regions are called **seas, gulfs and bays**. They are usually surrounded by land and are located where land and ocean meet.

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Are there are mountains underwater?

Yes there are! In fact, the longest mountain range in the world is underwater, it spans 40,389 miles around the globe and is called the **mid-ocean ridge**.

Which waters surround the UK?

Four bodies of water border the United Kingdom, these are: the English Channel, the North Sea, the Irish Sea and the Atlantic Ocean.

Weird and Wonderful Marine life

Marine life consists of **plants, animals and other living organisms** that reside in the sea or the ocean. Marine life accounts for a hefty ninety-four percent of the Earth's living species! **The World Register of Marine Species** reports that there are 240,470 accepted species but this is believed to be only a small fraction of what really exists underwater.

Here are five unusual and interesting sea creatures for you to enjoy!

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2.Blobfish: This blob like fish does not have a full skeleton or muscles, its body is made from a jelly like substance. It can withstand immense sea pressure where it lives deep underwater and is actually thought to look more like a regular fish in its own habitat than it does out of the water.



3.Sand striker: To catch its prey, this marine worm buries itself into the ocean floor leaving its wide-open mouth and five antennae exposed. When a fish brushes past the sensor-like antennae, the sand strikers mouth snaps shut with such speed and force that it can snap its prey in two.

4.Blue Whale: The blue whale is not only the largest animal in the Ocean, but on the whole of Earth! Their tongues alone can weigh as much as one elephant! The blue whale can dive up to 500m to catch its food but being a mammal it must come to the surface of the water for air.







WHAT DO YOU ALREADY KNOW ABOUT ...?

Oceans

Marine Life





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VOCABULARY

interconnected – where different things relate or are connected to each other

<u>geographically</u> – in a way that relates to geography, the study of places

organism– a single living thing such as plant, animal, virus or bacterium

bioluminescent – light created by the body of a living creature

<u>pectoral</u> – a muscle in the chest

What other words were unfamiliar?

Let's use a dictionary or thesaurus to define them.

Can you see any clues within the word to help us work out what they mean?



SUMMARISE

Can you summarise three points we learn from this text

2.

1.

3.

DO NOW

Choose the correct word for each sentence:

organism geographically interconnected

The house had a series of secret _____

"That is the strangest ______ I have ever seen" declared the scientist.

_, Ireland is at the edge of the North Atlantic Ocean.

doors.



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RETRIEVAL QUESTIONS WHAT DO THESE MEAN? HOW CAN WE ANSWER THEM?

- 1. Name the five oceans.
- 2. Which is the smallest ocean and how deep is it?
- 3. Where is the Bay of Bengal?
- 4. What percentage of living organisms reside in the sea or ocean?
- 5. How does the sand striker catch its prey?
- 6. What helps the flying fish leap out of the water?



Challenge:

Explain what you can find out about mountains under the sea.



DO NOW

- 1. Find and copy one word in the first column which means the same as 'the largest amount'.
- 2. Find and copy one word in the second column which means the same as 'live'.
- 3. Find and copy one word in the third column which means the same as 'across the globe'.

Challenge: Write your own Find and Copy questions.





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- 2. Which word in the first sentence means the same as massive?
- 3. What is the Global Ocean?

4. List the five oceans in alphabetical order.

1.	
2.	
з.	
4	
5.	
<u> </u>	

5. True or false:

The Pacific Ocean covers 3% of the Earth's surface.

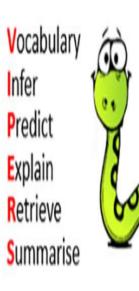
The Gulf of Mexico is in the Indian Ocean

There are mountains under the sea

There are 3 oceans

Four bodies of water surround the UK.

True	False
\Box	
	\Box



DO NOW

Place these events in the text in the correct order:

- 1. Small areas of ocean are called seas, bays and gulfs
- 2. Blue whales are the largest of all living animals
- 3. Flying fish can leap distances of 200m
- 4. The Pacific Ocean is the largest and deepest of the oceans
- 5. There are mountains under the ocean

Challenge: Write your own retrieval questions.





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6. Write about the Earth's deepest measured point, including three pieces of information.

	Vocabulary	(iii)
	Infer	1 Con
	Predict	Y
7. What are the names of the bodies of water that are usually located next to land?	Explain	
1	Retrieve	6000
3	S ummarise	

8. What is the largest water region in the world called that is known as a 'bay'?

9. What is the longest mountain range in the world called and how long is it?

10. Label this map with the countries that make up the United Kingdom and the four bodies of water that surround it.

