

Guess!!!!!!

What are we going to talk?



Oceanology, also known as **oceanography**, is the study of the **ocean**. It involves **exploring** and understanding everything about the ocean, including its physical **properties** like waves and currents as well as the creatures and ecosystems that live within it. Oceanographers also **investigate** human **interactions** with the ocean, such as pollution and its **impact** on **marine** life. In simple terms, oceanology is all about learning about the big blue sea and everything in it.



Explore = search

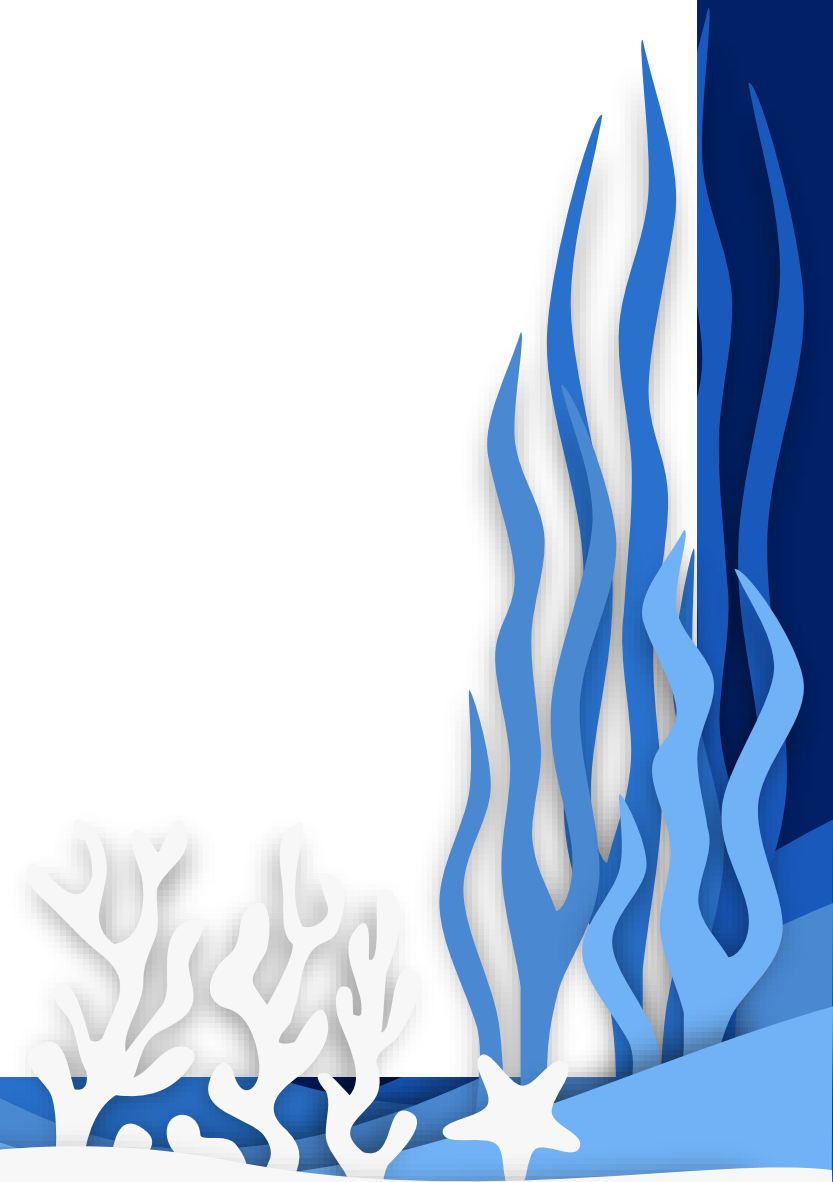
Property = characteristic

Investigate = examine the facts

Interaction = action and reaction

Impact = effect

Marine = of the ocean



Arctic ocean

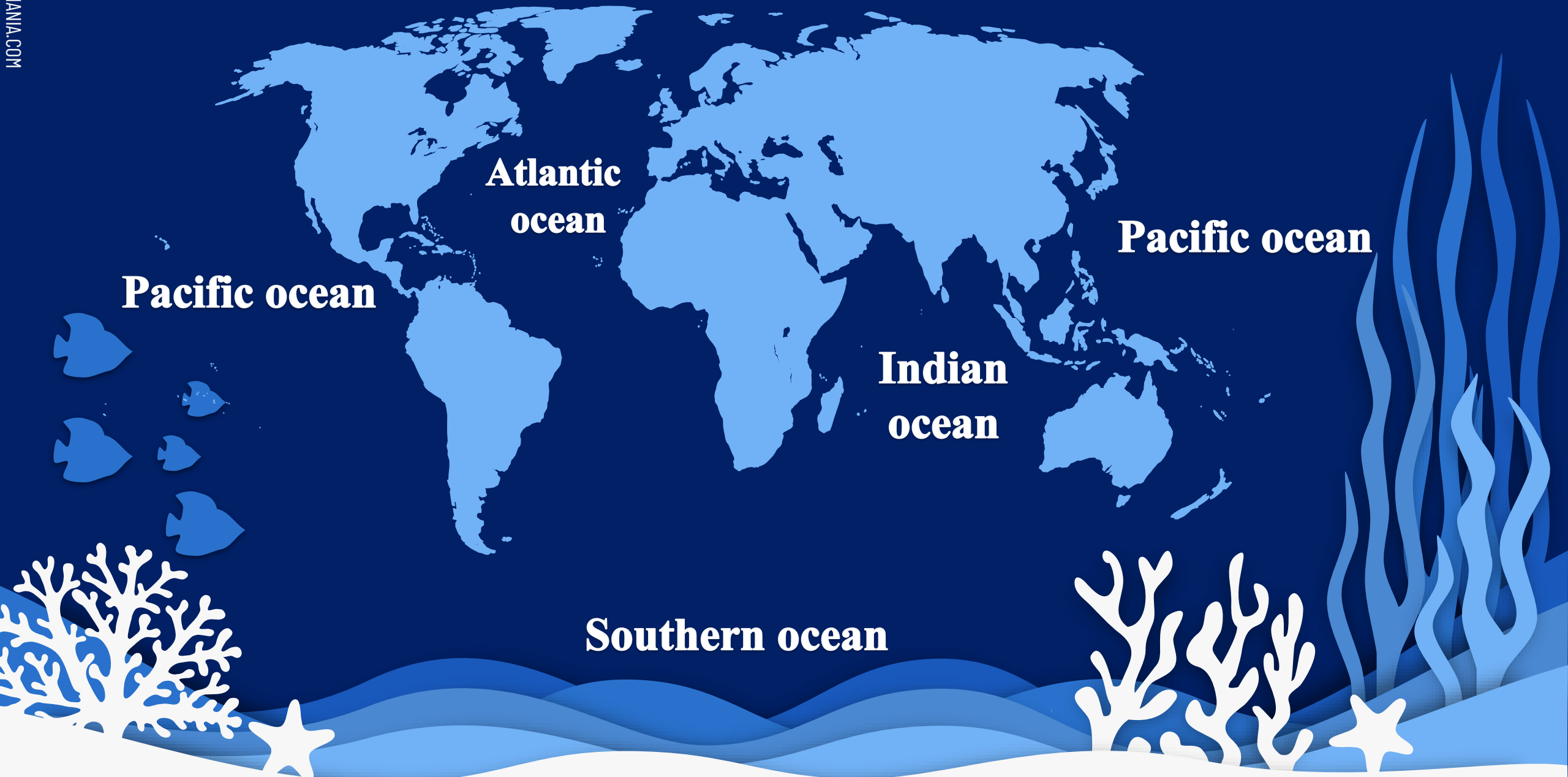
Atlantic ocean

Pacific ocean

Pacific ocean

Indian ocean

Southern ocean





The Pacific Ocean is the largest ocean and is located between the continents of Asia and Australia to the west, and the Americas to the east.

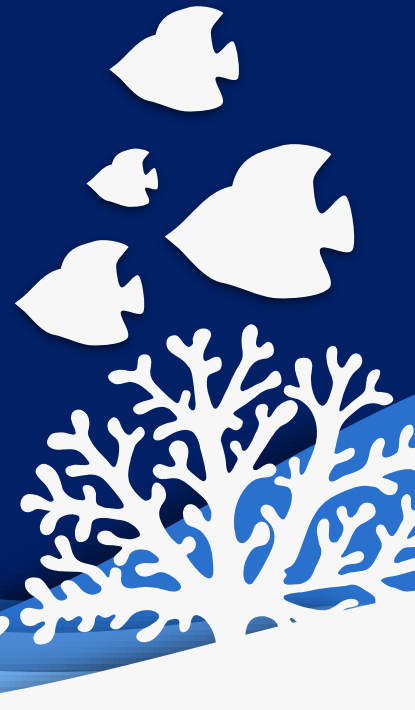
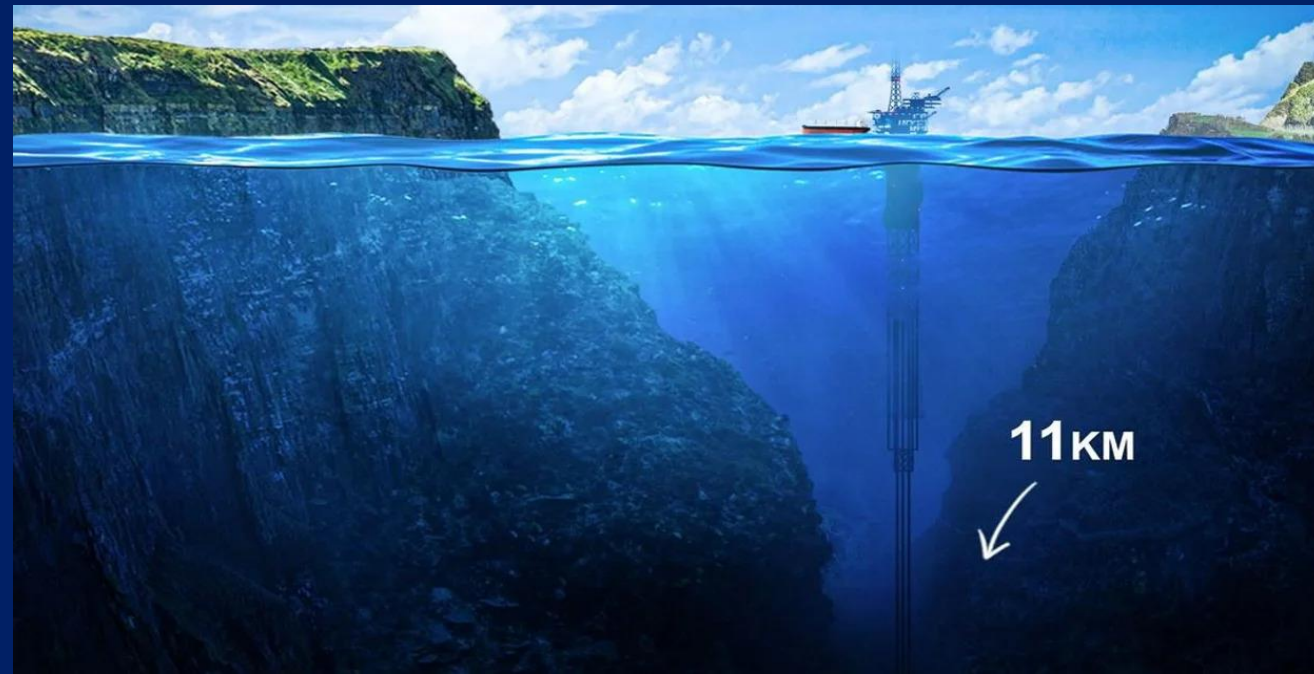


It's known for its **vast** size and depth, covering about one third of the Earth's surface.

Vast = wide



The deepest part of the world's ocean is called The Mariana Trench which is located in the western Pacific Ocean. It is approximately 11 kilometers (7 miles) deep and is a quite mysterious place.



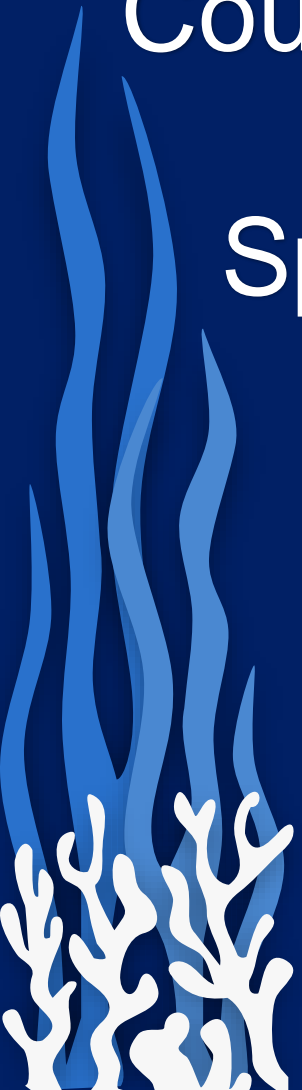
The Pacific Ocean is home to a **wide variety** of marine life, including whales, dolphins, sharks, sea turtles, and **countless species** of fish.



Wide variety = big different

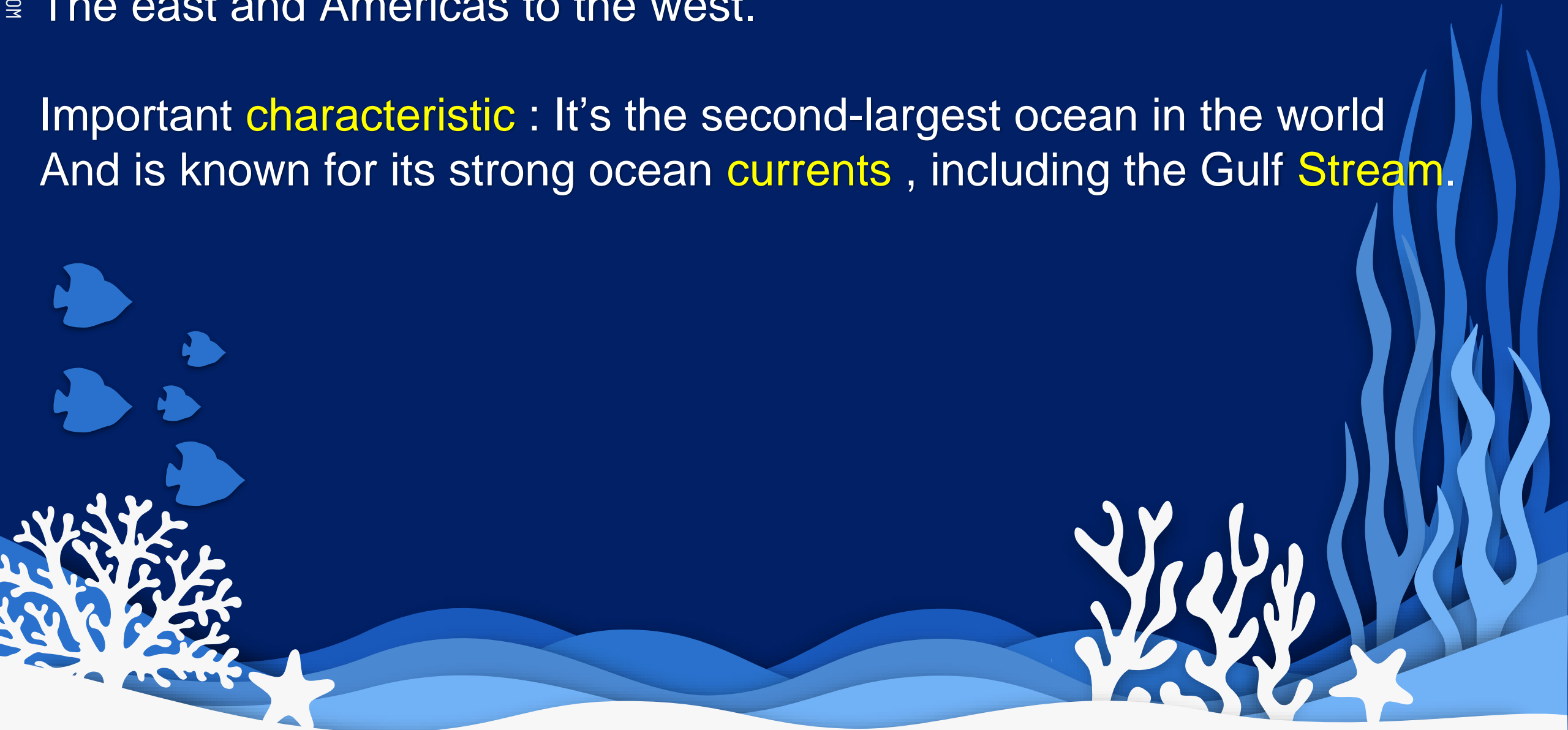
Countless = numerous

Species = type , kind



Atlantic ocean is situated between the continents of Europe and Africa to the east and Americas to the west.

Important **characteristic** : It's the second-largest ocean in the world And is known for its strong ocean **currents** , including the Gulf **Stream**.



Characteristics=feature

Currents=stream

Stream=flow



Important animals:

The Atlantic ocean supports **diverse** marine life , including various species of fish like **cod** , **tuna**, and **herring** , as well as **marine mammals** like seals and whales.



diverse=many and various



The Indian ocean is located between Africa to the west ,Asia to the north , Australia to the East , and the Southern ocean to the South.



Important characteristic:
It's the third-largest ocean and is known for its warm waters and **monsoon weather** patterns.



Monsoon weather



Important Animals:

The Indian ocean is home to unique Marine species such as the dugon ,manta rays ,whale sharks ,and numerous coral reef ecosystems.



Unique=single



dugon



Manta ray



Coral reef

