

# Oceans



LESSONS 1 & 2: CORAL OCEANS

# Unit Overview

- In this unit you will discover more about our oceans.
- Introduction and Coral Oceans
- Oceans and Climate Change
- Plastic Fantastic
- T shirt Campaign

- Lesson Aims
- To learn about life in the coral oceans
- Success Criteria
- I can identify the 5 oceans of the world
- I can explain how an ocean current works
- To discover which creatures live in coral oceans
- To create an ocean creature and analyse why its life is under threat

# Starter

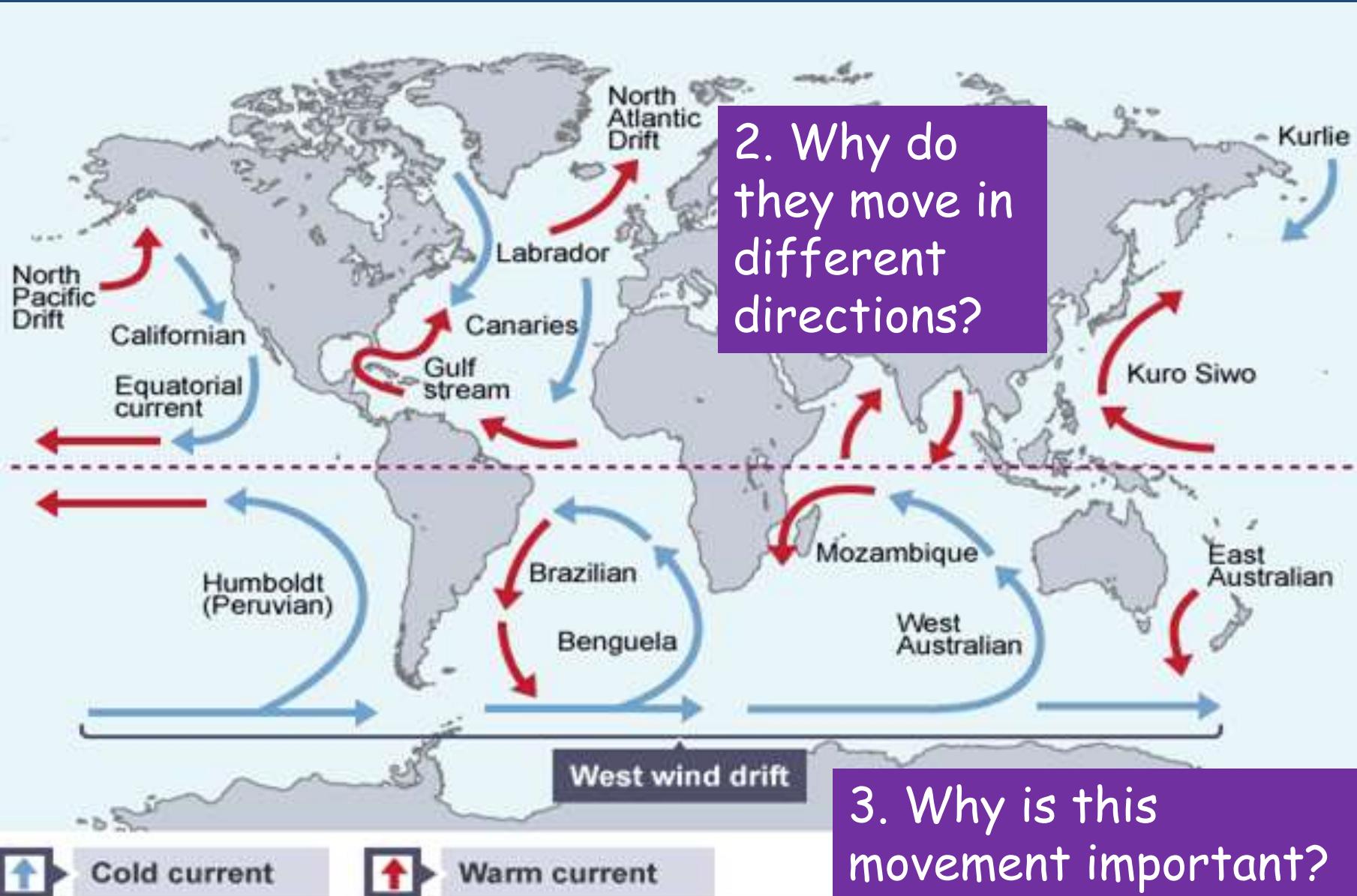
Name as many oceans as you can



Extension: Why are oceans so important?

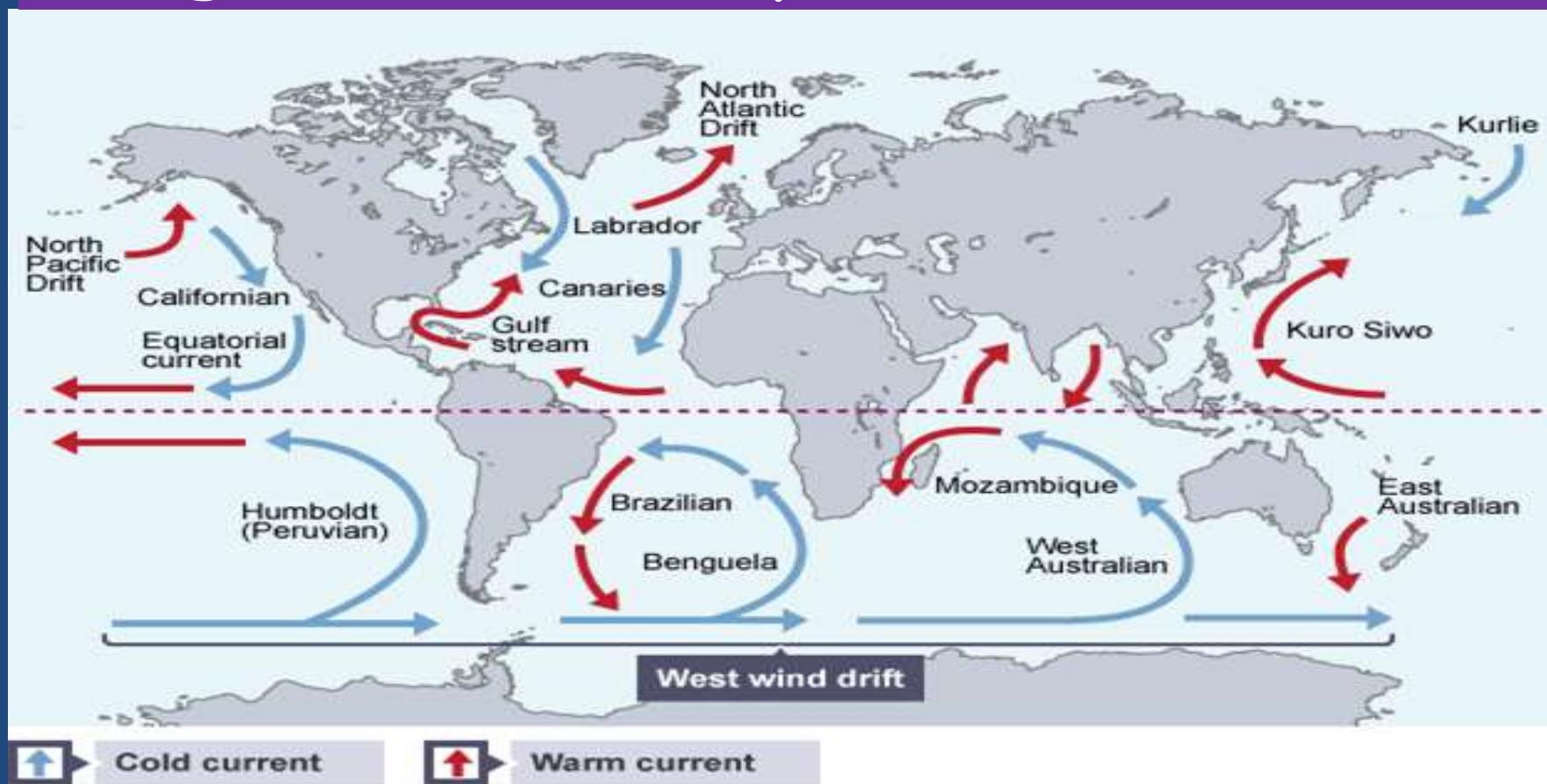
# Ocean Currents

1. What is an ocean current?



# Ocean Currents

Add the ocean currents to your map using red and blue pencils.



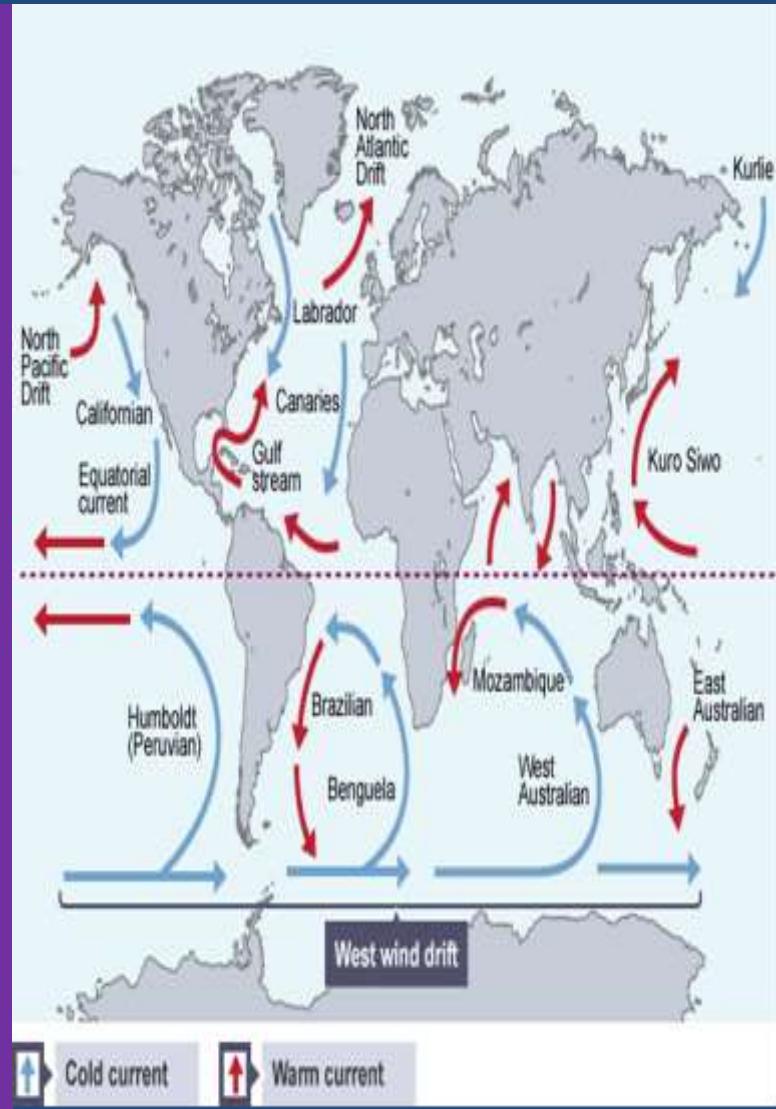
Watch 15 minutes of the David Attenborough documentary on Coral Oceans.

Make notes on life found there and facts about the coral.



# Review

- What is an ocean current?
- Why do they move in different directions?
- Why is this movement so important?
- Name some creatures that live in coral oceans.
- What have you learned about coral?



# Starter: Oceans by Size

- Put the oceans into the correct order by size, starting with the biggest:
- Answers:
- Pacific - 168,723,000 km<sup>2</sup>
- Atlantic - 85,133,000 km<sup>2</sup>
- Indian - 70,560,000 km<sup>2</sup>
- Southern - 21,960,000 km<sup>2</sup>
- Arctic - 15,558,000 km<sup>2</sup>



# The Incredible Edible Polyp

Watch carefully as you will soon be making this!



# The Incredible Edible Polyp

- Clean your hands and the desk
- Take one biscuit each and place it on your desk
- Take 1 lace each and break it into pieces
- Create some holes in the marshmallows with your fingers and place your laces into them
- Carefully add a blob of jam to the biscuit
- Place your marshmallow on the jam
- Add a small amount of jam to the top of the marshmallow and sprinkle a few pieces of popping candy over the top
- Break half of another biscuit into large pieces and place around the marshmallow
- You now have an incredible edible polyp! Enjoy!

# Ocean Trivia

- The deepest part of the ocean is.....
- the Mariana Trench, at 35,827 ft!
- Which ocean is it found in?
- The Pacific Ocean
- What % of all water on Earth is salt water?
- 97%
- World Oceans Day is.....
- 8th June

Extension: Watch a little more of the David Attenborough documentary on Coral Oceans. Make notes on life found there and facts about the coral.

