

## One ocean

Ocean  
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### KNOW:

There is only one global ocean

Ocean water moves around the planet in an endless cycle of motion, connecting us all

## What's in a drop?

### Mindful moment...

Are you a drop in the ocean or the ocean in a drop? Discuss.

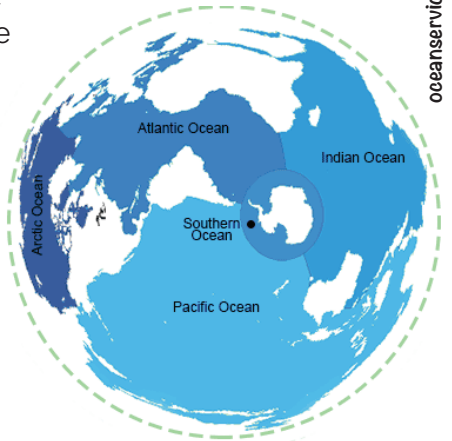
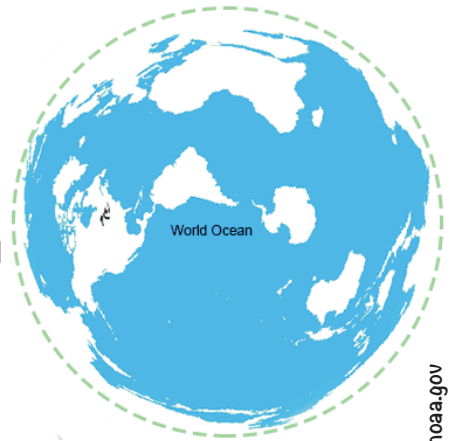
Imagine you are a drop...what drop would you be and where? Discuss.

Try this 3 minute Ocean Drop Meditation: <https://youtu.be/tQEb5mL8I7M>

### We are all connected to that drop in the ocean. Let's see how.

Write down the following 'drops' on post it notes or similar (raindrop, puddle, aquifer, spring, stream, river, estuary, ocean, cloud, vapour) and randomly hand out one to each of participants.

Starting with the smallest drop, pass the drops (or post it notes) around the group, collecting them together as you go i.e. the last person should be the biggest water body and should end up with all the post its. Discuss.



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## What is ocean?

Ask the group, what does ocean mean to you? Either say it or write it down. Then ask, how would you describe 'ocean' to someone who doesn't know? As a group discuss and create a mind map (on paper or on the ground) of what ocean means to us all. Prompts: How many named oceans are there? Which is biggest and which is smallest? Why is the ocean blue? Where does salt come from? What is the difference between 'ocean' and 'sea'? See glossary for help.

## What does our ocean look like?

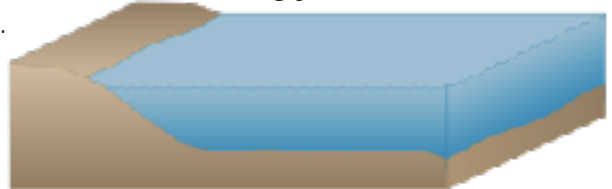
The ocean is a vast 3-dimensional space, always moving and never the same. Create a 3D map of the ocean or build your own 3D model.

Try and include the following features in your design:

- What the ocean floor looks like and it's features (bathymetry)
- The tidal zone, coast, open ocean, the deep abyss
- The depth to which light penetrates (around 200m)
- What lives in your ocean and where?

N.B. There are lots of 'ocean zone diagrams' online for ideas and inspiration.

### Bring your ocean to life..!



## Extra resources

- <https://oceanservice.noaa.gov/>
- <https://noc.ac.uk/education/educational-resources>
- <https://neal.fun/deep-sea/>

