

DPA Home Learning 13.7.20



EYFS

Key Stage 1

Choose 1 each day

- What is an Ocean? How many are there in the world? Write their names
- **Wave Bottle:** Fill a plastic bottle 2/3 full of water. If you have some, add some food colouring, then screw the top on the bottle tightly. Turn the bottle on its side and roll it around gently to make waves. What can you see? What do the waves look like?
- Find out what animals live in the ocean. Write some of their names.
- Create an Ocean picture, you could even add in some sand and shells if you have any
- Sing the songs:
<https://www.youtube.com/watch?v=6-xqosckJ5c>
<https://www.youtube.com/watch?v=4FrTuOAHDXw>

- ❖ As an extra you could watch 'Finding Nemo' - a fun way to find out about the Ocean



- What is an Ocean? How many are there in the world? Write their names
- Look for the Oceans on a map
- **Wave Bottle:** Fill a plastic bottle 2/3 full of water. If you have some, add some food colouring, then screw the top on the bottle tightly. Turn the bottle on its side and roll it around gently to make waves. What can you see? Write down what the waves look like?
- Find out what animals live in the ocean. Write a sentence about them.
- Create an Ocean picture, you could even add in some sand and shells if you have any
- ❖ As an extra you could watch 'Finding Nemo' - a fun way to find out about the Ocean



Remember to take photos and send them to your teachers so they can see what you have been up to



Years 3 and 4

Years 5 and 6

Choose 1 or 2 each day

- What is an Ocean? How many are there in the world? Make a list of all the Oceans
- Find the Oceans on a map
- **Wave Bottle:** Fill a plastic bottle 2/3 full of water. If you have some, add some food colouring, then screw the top on the bottle tightly. Turn the bottle on its side and roll it around gently to make waves. What can you see? Write down what the waves look like? Why do you think the waves move the way they do?
- Make a list of animals that live in the Oceans
- Choose 1 of the animals and find out as much information about it as you can.
- **Find out that saltwater is denser than freshwater**
Density is the weight of a liquid divided by the space it occupies.
Fill a cup with water and carefully place an egg in it and watch what happens. Fill another cup with 1 cup of water and quarter of a cup of salt. Stir until the salt is completely dissolved. You could add a few drops of food colouring if you have any and then leave to settle for 5 minutes. Drop in a second egg carefully trying not to disturb the saltwater too much and observe what happens. Compare the way the two eggs float. Describe the differences. Why do you think the eggs float differently in the separate glasses? What conclusions can you draw about the density of either the eggs or the water?
- Find out the types of weathers that happen over Oceans
- Watch the Blue Planet programme about the pollution of the Ocean (you can find it on BBC iplayer)
- Create a poster about the Oceans and how you can help
- Create your own Ocean picture. Be as creative as you can

- What is an Ocean? How many are there in the world? Make a list of all the Oceans
- Find the Oceans on a map
- **Wave Bottle:** Fill a plastic bottle 2/3 full of water. If you have some, add some food colouring, then screw the top on the bottle tightly. Turn the bottle on its side and roll it around gently to make waves. What can you see? Write down what the waves look like? Why do you think the waves move the way they do? What might affect the waves?
- Find out how the moon affects the waves
- **Find out that saltwater is denser than freshwater**
Density is the weight of a liquid divided by the space it occupies.
Fill a cup with water and carefully place an egg in it and watch what happens. Fill another cup with 1 cup of water and quarter of a cup of salt. Stir until the salt is completely dissolved. You could add a few drops of food colouring if you have any and then leave to settle for 5 minutes. Drop in a second egg carefully trying not to disturb the saltwater too much and observe what happens. Compare the way the two eggs float. Describe the differences. Why do you think the eggs float differently in the separate glasses? What conclusions can you draw about the density of either the eggs or the water?
- Find out about the unusual life of a Seahorse. What makes them unusual?
- What is a Tsunami? Research and make notes
- Watch the Blue Planet programme about the pollution of the Ocean (you can find it on BBC iplayer)
- Write a letter to Boris Johnson about the Oceans and how concerned you are about the damage humans are causing
- Create a poster about the Oceans and how you can help

Remember to take photos and send them to your teachers so they can see what you have been up to