

World Oceans Day – June 8th

Did you know that 70% of the Earth's surface is covered by oceans? Let's celebrate and educate ourselves on why we need to look after our oceans and the importance they have on our everyday lives. I have set tasks based around Oceans and there are plenty more activities here. (You can even learn how to breathe like a dolphin!)

<https://worldoceanday.school>

Writing

Watch this short, animated film.

<https://mightycoconut.com/the-oceanmaker/>

There are no words used in this film. Watch again and this time think about how music is used to help enhance the action.

What pattern do you notice between the music and the emotions felt by the characters?

Who is the girl flying the small aeroplane? Describe her thought process as the plane is about to crash. Think about using powerful adjectives and adverbs

What would happen if it never rained again?

Can you name the four key parts of the water cycle and explain each of them?

Why is the water cycle so important for all life?

Does everyone have access to clean water?

Create a poster to show how we can look after our oceans.

Spag

This week I would like you to focus on how we can use speech in our work.

This lesson is Monday 8th June on BBC Bitesize and is under Year 5 Lessons I have attached the link here too.

<https://www.bbc.co.uk/bitesize/articles/zm63c7h>

Please watch the video and complete the activities that follow on.

Maths

We have completed lots of place value and fraction work in Year 5. I would like you to revise this and use this knowledge to help you understand how decimals are formed.

This lesson is Monday 8th June on BBC Bitesize and is under Year 5 Lessons I have attached the link here too.

<https://www.bbc.co.uk/bitesize/articles/zrsc86f>

There's a quiz to test you too!

Good Luck!

Don't forget!

If you would like to do something different to the work I have set or you would like to do some extra home learning, head to: www.bbc.co.uk/bitesize/dailylessons

Make sure you click on Year 5.

Here you will find some amazing lessons across all subjects.

Ironstone Bridge Project!

Well done to all those children who have already built their bridge and sent me pictures/tagged school on Twitter @OverfieldsPri

Spellings

This week we are focusing on the next ten spellings from the Y5/6 Spelling List. These are inside your reading rocket too.

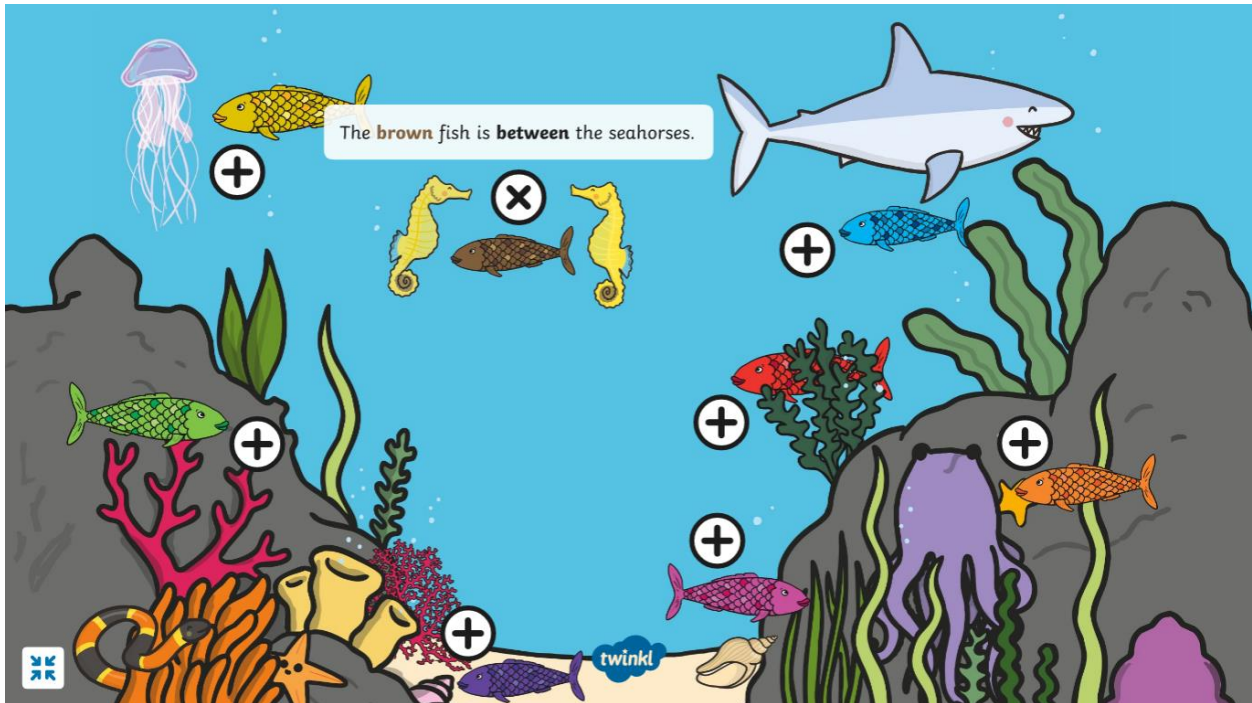
Dictionary	Equipment
Disastrous	Especially
Embarrass	Exaggerate
Environment	Excellent
Equipped	Existence

Apply them to sentences and test yourself on Friday. Good luck!

Revising Prepositions

How many sentences can you write about the image below which include a preposition?

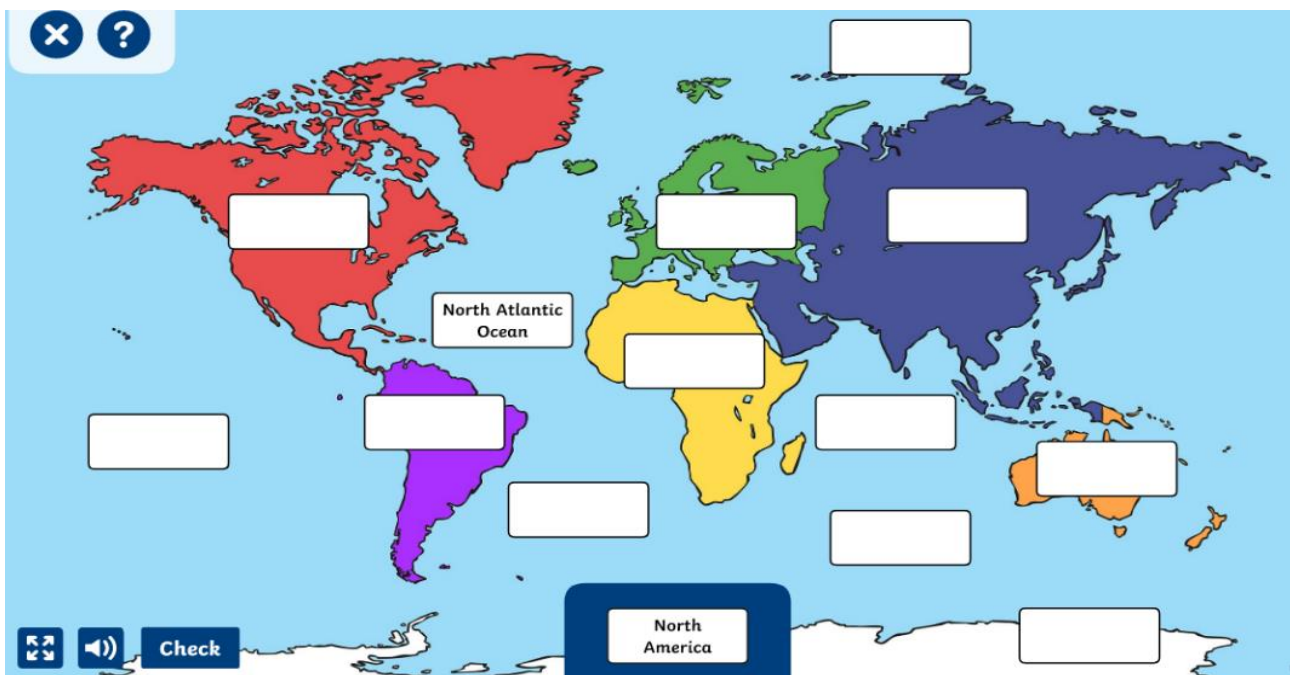
One has been done already to help you. Try to include interesting adjectives to your sentences too!



Oceans and Continents

Can you name all of these oceans and continents? One has been done already to help you. You can also complete this online at

<https://www.twinkl.co.uk/go/resource/tg-g-08-continent-and-oceans-labelling-activity>



World Oceans Day

What Is It?

World Oceans Day is celebrated annually on the 8th June. The purpose of the day is to inform and educate people about the negative impact that human actions have on the ocean and the importance of finding ways to conserve, protect and sustain the ocean for the future.



Oceans

Oceans cover over 70% of the Earth's surface and they contain around 96% of all the water on the planet. Oceans are the world's largest habitat and are home to a wide variety of creatures and living things. There are 5 oceans on Earth. They are:

- the Pacific
- the Atlantic
- the Arctic
- the Indian
- the Southern



The oceans play a major role in everyday life all around the globe. They provide a majority of the oxygen that we breathe, and many people consider them to be the lungs of our planet. Another of the ocean's important roles is to soak up energy in the form of heat and distribute it evenly throughout the Earth. It also helps to absorb about one-quarter of the carbon dioxide (CO²) that we humans create when we burn fossil fuels such as oil, coal and natural gas.

Did You Know...?

The Great Barrier Reef in the Pacific Ocean can be seen from the Moon! It is one of the planet's richest ocean habitats and is home to more than 1,500 species of fish, 134 species of sharks and rays and more than 30 species of vulnerable marine mammals.



World Oceans Day

What Is Happening to Our Oceans?

As a result of human action, our oceans are struggling to function as they should. Increasing levels of carbon dioxide in the ocean has led to an increase in the acidity in the ocean. Many sea creatures cannot adapt to this change and therefore die. Sea temperatures are rising with some areas of the ocean seeing a temperature rise of 2°C in the last one hundred years. This causes living things, such as coral, to die. Pollution is causing major damage to oceans. Oil spills from tankers, fertilisers from agriculture and litter from land all pollute our oceans. This pollution kills marine life and damages plant life. One of the other biggest problems facing the oceans of the world is overfishing. This means too many sea creatures are being caught in relation to the number that are born. Some species of sea creatures are in danger of becoming extinct because of it and the balance of the ocean is under threat.

World Oceans Day 2020

Each year, World Oceans Day has a different theme. This year, the theme is 'Innovation for a Sustainable Ocean'. This year's theme focuses on ideas and innovations that will help protect the ocean and all life that depends on it. It will highlight technological advances, scientific research and ground-breaking projects that will help to protect the ocean and sustain it for the future. Scientists and environmentalists are trying to find innovative ways to remove the plastic and chemicals from our oceans. This is a huge task as our oceans are sadly littered with plastic which is dangerous for marine life. Other innovations include finding ways to reuse plastic to prevent it from ending up in the ocean. For example, in some countries, plastic is being used to make new products such as roads, clothes and even mattresses!

What Can We Do?

Although large-scale innovations and improvements are needed to clean up the oceans, we can all play our part in caring for it. We can:

- reduce our carbon footprint by using the car less and walking or cycling more;
- use less plastic so it doesn't end up in the ocean and recycle more;
- go on organised beach cleans to collect and recycle plastic;
- and support charities and innovations that look after the oceans.

Questions

1. How often does World Oceans Day happen? Tick one.

- once a month
- once a year
- once a week
- every day

2. In your own words, explain what the purpose of World Oceans Day is.

3. Name the 5 oceans of the world.

- ---
- ---
- ---
- ---
- ---

4. ...many people consider them to be the lungs of our planet.

What does this mean?

5. What gas does the ocean absorb? Tick one.

- oxygen
- nitrogen
- hydrogen
- carbon dioxide

6. Find and copy one word which is similar in meaning to 'defenceless'.

World Oceans Day

7. Describe **two** ways in which our oceans become polluted.

8. Explain in your own words what the 2020 World Oceans Day theme, Innovation for a Sustained Ocean, means.

9. According to the text, what is one way in which people can reduce their carbon footprint.

IRONSTONE BRIDGE PROJECT



Bridges are amazing structures – think where we would be without them! There are thousands of different types of bridges all over the world from a simple plank over a stream to our historic Transporter Bridge over the River Tees.



We are issuing you with a **CHALLENGE** to build your own bridge at home. It could be inside or outside if you have a garden or yard and it can be made from anything you have lying around. BUT – please ask an adult first; don't go using your family's last packet of spaghetti!

Watch this video our project engineer, Paula, has made which tells you all about the challenge.

https://www.youtube.com/watch?v=QK6n_EUJWZk&feature=youtu.be



So the challenge is to build a bridge – here are a few ideas but I bet you can come up with much better ones.



Build a bridge across a sink or bath for your toy vehicles to cross – make sure they don't fall in!



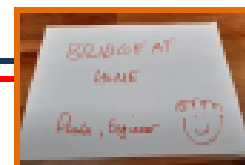
Find a way to get across a garden path without touching it – make sure you leave space underneath though!



Find a way to get your lego people from one chair to another without falling to the floor.

REMEMBER THOUGH!

- ✓ Stay safe – don't climb onto a homemade bridge unless an adult says it is safe.
- ✓ Ask first before using anything from home to build your bridge.
- ✓ Only use tools if an adult says it is ok and is supervising you.



Don't forget - take a picture of your bridge and post it to your school's website or twitter. We would love to see any drawings, designs or



independent work on bridges.

