YEAR 6





Hello, Year 6! It is beginning to feel like a long time ago that you were in school and we were all together but hopefully we will see some of you soon! We hope you all en joyed last week's learning and en joyed the book read by Stephen Fry. Listening to audio books is a great way to take in stories – you could try drawing or colouring at the same time! Your proud postcards are something that you can now display or look at every now and then to feel a sense of accomplishment. This is something that will remind you of all the hard work you have been doing during this odd time. We're also trying to keep ourselves busy with exercise and reading like you. Miss Hill is re-reading the Harry Potter books and Miss Moule has been listening to audio books to try something new!

This week includes World Oceans Day! We hope you enjoy some of the ocean-themed activities and we can't wait to hear all about it! Don't forget to post your work or anything else you've been doing on Twitter and tag @OldburyPark so that we can see. Take care!

Miss Moule

Miss Hill

Julie

EVERY DAY	CGP BOOKS
Daily Maths lessons - https://whiterosemaths.com/homelearning/year-6/ (Summer term Week 7 w/c	(across the whole
8 th June) If you have already completed this week please go back to a week you haven't done.	week)
Watch the video and then complete the written task (some of these need printing). This is 30-40	Maths – Pages 82-
minutes work. This week is Algebra	86 (after completing
There is no video for Friday but there will be a Maths Challenge which will be on the website later in	White Rose Tasks). This is for all 3
the week.	math's groups.
You also have some arithmetic daily practice – complete a box a day!	main's groups.
Mathletics – 15-20 minutes (more if you wish).	English – Pages 58-
Read for at least 30 minutes.	62

SURVIVAL OF THE FITTEST! Additional tasks for this week (1/6/20)				
English	TOPIC			
Monday It's World Oceans Day! Have a go at this reading comprehension to learn some facts about the oceans. https://www.twinkl.co.uk/resource/uks2-layers-of-the-ocean- differentiated-differentiated-reading-comprehension-activity-t2-e-1+1807 Tuesday SPAG – page 58 SPAG – Semi colons https://www.bbc.co.uk/bitesize/articles/zdtny9q Wednesday Think of as many adjectives as you can that could describe the oceans. You could include the vibrant colours that you might see or think about the 5 senses. Create your own Wordle using all of the adjectives or phrases. If you can, use a thesaurus to up level your words. You might want to look at an image of the ocean to help you.	Geography - Use the World Oceans Day website to explore new things about the oceans. Choose some activities to have a go at. You can tune in to live lessons, do some blue yoga or learn about some conservation efforts that are taking place. https://worldoceanday.school/ We'd like you to find out more about the 5 oceans of the world. You can conduct some research online using these websites: https://www.bbcearth.com/oceans/ https://www.bbcearth.com/oceans/ https://www.bbc.co.uk/bitesize/topics/z84-9q6f/articles/zmqwscw https://www.natgeokids.com/uk/discover/geography/general= geography/ocean-facts/ Once you have collected your research, we'd like you to put your computing skills to the test! Create a PowerPoint to show all of your information. You may want to use some pictures too! If you don't have access to PowerPoint, a booklet or a big poster would			
Thursday Using your ad jectives and descriptive phrases from yesterday, write a setting description of the ocean. We would like you to write at least I large paragraph and would like you to include impressive vocabulary, punctuation and other features to make it more exciting such as metaphors and similes. Have a look at the checklist below to help you. Eriday Handwriting – focus on your handwriting and presentation. Neatly, write up your setting description on the boarded page below. SPAG – page 59-62	look great too! <u>Science</u> — How has the Coral Reef changed over time? Like any animal, the coral reef has had to adapt to survive. It's current environment has had a large impact on how it is now surviving. How has it changed over recent year? Why is this? Create an action plan of how the Coral Reef can return to full health. What will need to change? How will we do it? You can display your information and your action plan in any way you wish. You may want to get creative and mimic the colours of the coral reef.			

<u>Daily Practice – 1</u>	Daily Practice – 2	Daily Practice – 3
1) 2335 + 3882 =	1) 64.2 + 976.5 =	1) 835 + 1858 =
2) 125.2 - 28.5 =	2) 10685 - 8542 =	2) 98.9 - 46.8 =
3) 25 x 11 =	3) 588 x 11 =	3) 82 x 5 =
4) 557/8=	4) 76945 / 17 =	4) 642/7=
5) 2/3 + 2/5 =	5) 4/9 + 2/5 =	5) 8/9 - 2/5 =
6) 12% as a decimal =	6) 0.76 as a fraction =	6) 98/100 as a percentage =
7) 78.2 x 100 =	7) 15.6 / 10 =	7) 1.28 x 1000 =
8) 12 x 5 - 8 =	8) 14 x 2 x 8 =	8) 4 squared + 12 x 6 =
Daily Practice – 4	Daily Practice – 5	Daily Practice – 6
1) 436.2 + 13.3 =	1) 39.36 + 71.5 =	1) 9752 + 12.68 =
2) 555 - 120.9 =	2) 255 – 2.55 =	2) 978.3 - 43.4 =
3) 74 x 9 =	3) 22 x 9 =	3) 75 x 75 =
4) 52220 / 5=	4) 389 / 16 Ξ	4) 10658/ <u>6.</u> =
5) 9/11 - 1/3 =	5) 7/8 x 2/3 =	5) 9/10 x 5/6 =
6) 22/100 as a decimal =	6) 5% as a fraction =	6) 0.58 as a percentage =
7) 0.45/100 =	7) 0.38 x 100 =	7) 0.68 / 100 =
8) 10 x 11 / 2 =	8) 9 x 12 x 10 =	8) 10 squared + 9 x 9 =



output

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Create your own calculation that will be equal to 22	×	use the given facts to work out the calculations. a)		• • •	÷	Use the given facts to work out the calculations. a) $+ + + + + + + + + + + + + + + + + + +$		tution
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If $m = \frac{4}{5}$ and k = 0.1, work out the value of m + 2k

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What mistake has Nijah made?

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Dexter builds a tower. He uses 7 blocks. Each block is 2a high.



The total height of his tower is 42 cm.

Write an equation to represent the height of Dexter's tower and find the value of a.

9 1 ŝ

Work out the value of each shape.

Write the equations that you solved to find the value of each shape.





Compare answers with a partner.

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Layers of the Ocean



Making up 362 million km² of the Earth's surface, oceans cover two thirds of our Earth. There are five oceans (the Pacific Ocean, the Atlantic Ocean, the Indian Ocean, the Antarctic or Southern Ocean and the Arctic Ocean) which are not separated and all flow into each other. The Pacific Ocean is the largest and deepest of all the oceans. It is so deep in places that the world's tallest mountain, Everest, would sink without a trace! Oceans should not be confused with seas, which are smaller than oceans and are usually located where the land and ocean meet, for example, around the coast of the UK, there is the North Sea, the English Channel and the Irish Sea.

Oceans are made of five distinct layers which all have their own characteristics, including temperature, light and the creatures living within them.



Epipelagic Zone

This layer, which is also known as the Sunlight Zone, extends from the surface to around 200m below the surface of the ocean. There is plenty of light and heat in this zone although they both decrease with depth. Due to the conditions within this zone, there is a wide variety of life found, including: coral reefs,

seaweed (which plant feeders eat) and fast swimming hunters, such as dolphins and salmon. Due to its accessibility and favourable state, humans regularly utilise this layer for activities such as swimming, fishing and sea transport.



Mesopelagic Zone

This layer is also known as the Twilight Zone due to being up to 1000m below the surface of the ocean. With only faint sun rays reaching it, this layer is home to some of the strangest sea animals, including the sea cucumber, swordfish, wolf eel and octopus, which often have large eyes to help them see. Due to the absence of plants growing within this layer creatures either feed by filtering the water

> or by hunting other creatures at speed. Wearing protective suits due to the extreme pressure and lack of warmth, humans are able to dive to this layer. Some people do this for

fun whereas others do so in order to research the oceans.

Bathypelagic Zone

The Midnight Zone, which makes up 90% of the ocean, is up to 4000m below the surface of the ocean. No sunlight can reach this layer although some light can be seen from the bioluminescent creatures that produce their own light (such as anglerfish, viperfish and jellyfish) which they use to hunt their prey. Surprisingly, although the pressure in this layer is high, there are a large numbers of creatures living within it. Many of the animals are red or black due to the low light levels. Some creatures, such as the sperm whale, dive to these depths to hunt for food.

Layers of the Ocean

Abyssopelagic Zone

This layer, known as the Abyss (which means a deep or seemingly bottomless chasm), is up to 6000m below the surface of the ocean. It contains 75% of the ocean bed, which is covered with thick mud made from the remains of dead animals. Pitch-black and near freezing due to a total lack of sunlight, very few creatures live here apart from a group of (often) blind invertebrates, which are mainly transparent, such as sea stars, amphipods (shrimps) and squid.

Hadalpelagic Zone

Up to 11,000m below the surface of the ocean the Hadalpelagic Zone, which is also known as the Trench or the ocean floor, is actually a series of underwater canyons (or narrow valleys). This can be explored by humans only when using specialist scientific equipment due to the high pressure and near freezing temperatures. The deepest part of the ocean ever to be explored by man is in the Japanese Mariana Trench, which is almost 11,000m deep! Natural light is unable to penetrate to the trenches but unique creatures can be found, including certain sea stars.

The ocean is an incredible part of our world that oceanographers (sea scientists) hope will be more thoroughly explored as technology advances to increase our knowledge and enable us to protect the oceans for future generations.



- 1. Which of these are true facts about oceans? Tick two.
 - O Oceans cover two thirds of the Earth's surface.
 - The five oceans are all separate.
 - O The Atlantic Ocean is the deepest ocean.
 - O Oceans are made of five distinct layers.
- 2. Which of these is another name for the Mesopelagic Zone? Tick one.
 - O Sunlight Zone
 - O Twilight Zone
 - O Midnight Zone
 - O Abyss
- 3. Due to the absence of plants growing within this layer...

What does absence mean?

- 4. What is the depth of the Abyss?
- Find and copy a word from the text which shows that creatures found in the Trenches are one of a kind.
- 6. In your own words, explain why the Midnight Zone was given that name.
- 7. Summarise what you have read about the Epipelagic Zone in 40 words or less.
- 8. Why do you think that the creatures in the Abyss are usually blind?

 Why is it important to protect the oceans for future generations? Give evidence to support your answer.

Example of a Worlde:



Setting Description Checklist

Did I	Child
include an introduction?	
describe what can be seen?	
describe what can be heard?	
describe what can be smelt?	
describe what can be felt?	
describe the atmosphere and mood?	
use figurative language to create effect?	

