

**Big Question: What is the world like under the sea?**

This week we are exploring life “under the sea”. Your grid includes activities set to explore the oceans, life under the sea, food webs & technology – how we view life under the sea.

**A Virtual Aquarium Visit**

<https://www.montereybayaquarium.org/animals/live-cams/coral-reef-cam>

Take a virtual visit to Montgomery Bay Aquarium and view a live cam to see the coral reef, sharks, penguins, jellyfish and Miss Pike’s favourite – Sea Otter Cam!

Imagine you’ve spent the day at the Aquarium, can you write a recount of your visit to share with your family?

See the ‘answer sheet’ for this week to review your core targets and recount targets for P6.

**Reading Research**

Create a quiz to hold with your family (online or in person) about the living things under the sea.

Find out fun facts and put their knowledge to the test. Mix up the quiz questions by having multiple choice, true or false and nearest number answers.

You could use the National Geographic site for ocean facts, use the internet or your own books at home.

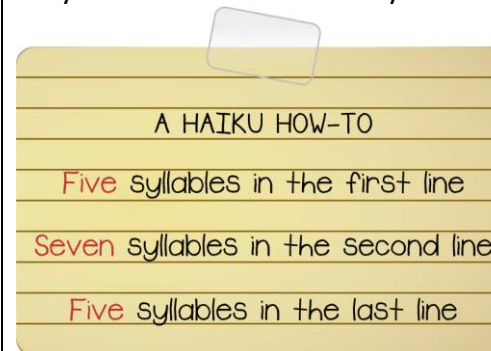
*Remember; you should also be reading your reading book every day*

**Additional Reading Resource**

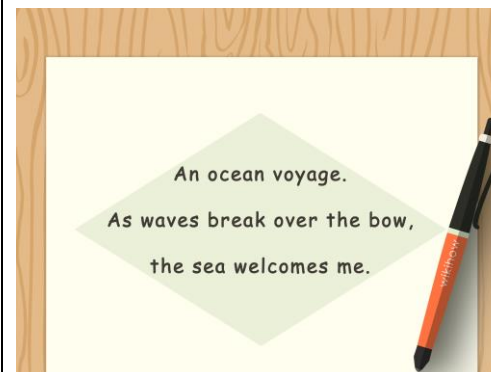
[https://www.getepic.com/?utm\\_channel=search&gclid=EA1a1QobChMI4NGO7dnY6QIVw7TtCh0rcgQnEAAYASAAEgKSmvD\\_BwE](https://www.getepic.com/?utm_channel=search&gclid=EA1a1QobChMI4NGO7dnY6QIVw7TtCh0rcgQnEAAYASAAEgKSmvD_BwE)

**Haiku Poetry**

A Haiku is a poem that consists of 3 lines. Line 1 has 5 syllables, line 2 has 7 syllables and line 3 has 5 syllables.



Here is an example;



Can you create your own ‘Under the Sea’ haiku?

**Homophones**

A homophone is a word that sounds the same but means something different.

This week, we are thinking about the words there, their and they’re.

What do each of these words mean?



Use the sentences at the bottom of the grid. Can you enter the correct homophone into the sentences?

### Comparing and Ordering Fractions

Visit the White Rose Maths Website  
<https://whiterosemaths.com/homelearning/year-5/>

Minimise week 6 and go to week 4,  
Lesson 4;  
*Compare and Order Fractions Less than One.*

This is a good opportunity to compare fractions using bar models to help.

This link from BBC Bitesize gives more information on this topic as well as a link to practice worksheets.  
<https://www.bbc.co.uk/bitesize/articles/znk4kmn>

Complete the attached worksheet (see separate answer sheet to check your work)

Remember;

SYMBOL	WORDS	EXAMPLE
>	greater than	$10 > 3$
<	less than	$2 < 6$

### Times Table Challenge

Over the time you have been working at home, you have been asked to work on your times tables.

Now is the time to test your skills!

Use the times table challenge below to test your multiplication skills.

You could challenge yourself further by setting time limits.

How many can you answer in a minute? How long does it take you to answer one full column? Can you bet your score?

*See this week's answer sheet to self-assess.*

### Problem Solving

**2** George has a box of counters.

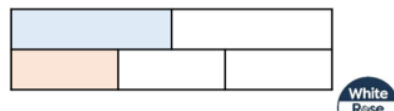
- For every 2 red counters there are 5 blue ones.
- George removes 36 blue counters from the box.
- There are now the same amount of red and blue counters.

**How many red counters were in the box at the start?**

**3** Mr Patel writes a number on the board.

- Leon finds  $\frac{1}{2}$  of the number.
- Sophie finds  $\frac{1}{3}$  of the number.
- Leon's number is 7 more than Sophie's.

**What is the number Mr Patel started with? This bar model may help you.**



### Multiply and Divide by 10, 100 and 1000

We looked at this last term in class.

Look at this BBC Bitesize lesson:  
<https://www.bbc.co.uk/bitesize/articles/z7r492p>

What happens when a number is multiplied by 10, 100 and 1000? Where does each digit move in terms of place value?

*Remember; we DO NOT add/take away a zero!! (Unless you want to make your teacher cry!)*

The link has follow-up activities and answers if you would like more practice.

## Crab Football

Challenge someone to a game of crab football, you need to get into crab position for this!

Set up goals and use a ball, socks or any other object as a goal. Can you stay in the crab position for the whole game?

What muscles are you using? Are these the same muscles are regular football or different ones?

*Remember; if you do not have outdoor space, please ask an adult before playing this indoors.*



## Communicate a picture



Teamwork involves the whole team communicating successfully with each other. It's important to be a good listener and a good speaker.

Try the following game to see how good you are.

- Two people draw a picture but don't let the other see it.
- Sit back to back and one person have a blank piece of paper and pencil.
- The speaker describes their picture but cannot tell what the item is and the listener tries to draw what is being described. When you have finished you will have fun comparing the two pictures and looking at where the communication may have gone wrong! Swap over.



## Ocean Art

Learn how to draw a crab or penguin with BBC Earth Sketch Pad in just 3 minutes!

<https://www.youtube.com/watch?v=iYjQjVpn5XY> - Crab

<https://www.youtube.com/watch?v=pGGfh9oSyc0> - Penguin

### Wavy Pictures

Make a wavy picture by trying out some of these patterns



## Spy in the Wild

Watch these YouTube videos of the clever spy animals the BBC have created to film animals up close.

<https://m.youtube.com/watch?v=SlWbigPYcJY> Spy sea otter

<https://m.youtube.com/watch?v=f3b8J51XtIU> Spy Turtle

<https://m.youtube.com/watch?v=YUULuKT7CS0> Spy squid

Draw your own spy creature for the ocean. What will it need to look like in order to blend in? Do they have to do anything special, like the sea otter turning in the kelp, to fool the other animals? What would you like to capture happening on film? How would it need to move? What may try and eat it?

## Science

### How do fish breathe?

<https://littlebinsforlittlehands.com/how-do-fish-breathe/>

If you have coffee and coffee filter paper (or you could try with kitchen roll) in your house, conduct this experience to see how fish breathe under water.

Write up your experiment to include equipment, method, results, conclusion and an annotated diagram.

### Salt water density experiment

<https://littlebinsforlittlehands.com/simple-salt-water-density-science-experiment-saturday-science/> -

This easy to set up salt water density experiment is a cool variation of the classic sink or float experiment. What will happen to the egg in salt water? Will an egg float or sink in salty water?

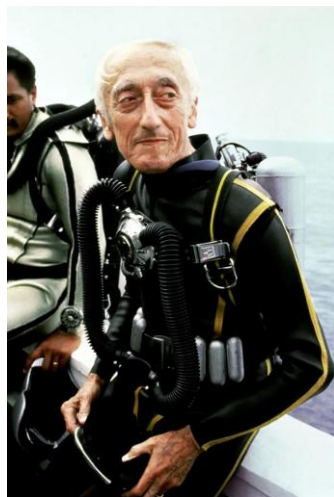
## Ocean Explorers

Watch these two Youtube videos from NatGeo Kids which introduces the jobs of ocean explorers and ocean technology designers.

<https://www.youtube.com/watch?v=tiyzppHGz8k> - Job 1

<https://www.youtube.com/watch?v=gJGS60c68HU> - Job 2

Google Jacques Cousteau – the creator of the first scuba diving gear. Google honoured Jacques' 100<sup>th</sup> birthday back in 2010 with a Google Doodle. Find out three interesting facts about him.



## The Oceans

Watch the 5 oceans song.

<https://www.youtube.com/watch?v=X6BE4VcYngQ>

Can you label the oceans on a map of the world or draw your own map & include the oceans? Maybe you could add some illustrations of things you might find in each ocean.

Watch this BBC Bitesize video to learn more about the oceans of the world and their currents.

<https://www.bbc.co.uk/bitesize/topics/z849q6f/articles/zmqwscw>

Write a "tweet" or post to your class Facebook page about something you have learned from the video.

## Whole School Challenge

Can you upcycle a plastic bottle to create a model ocean?

You may want to fill your bottle with things you might find in the ocean or you could make a sea scape with paper to stick on the back of the bottle and fill with water. We can't wait to see your creations.

For an extra challenge – can you make a fish or diver that moves up and down inside your bottle, using these instructions?

<https://www.youtube.com/watch?v=DU8wONWjXg>



## ADDITIONAL RESOURCES

Additional Resources:

[https://sanctuaries.noaa.gov/whales/main\\_page.html](https://sanctuaries.noaa.gov/whales/main_page.html) - game – you can travel as the Humpback Whale from Hawaii to Alaska

<https://www.dkfindout.com/uk/animals-and-nature/habitats-and-ecosystems/coral-reef/> - interactive cross section of coral reef

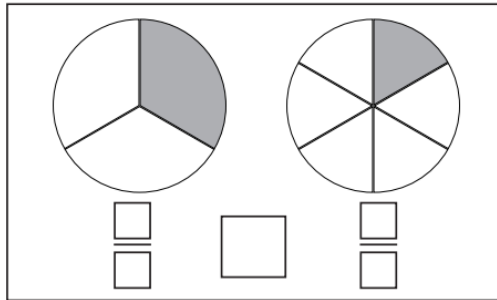
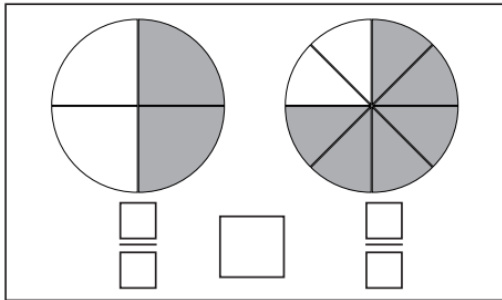
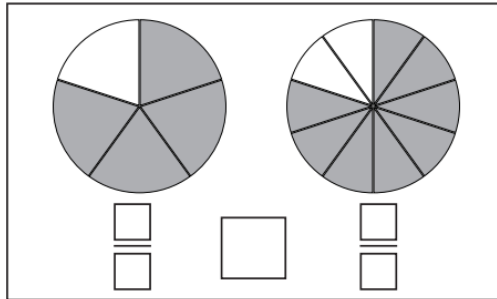
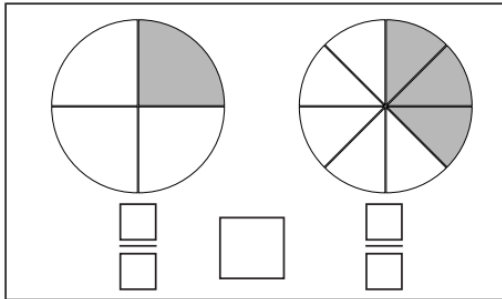
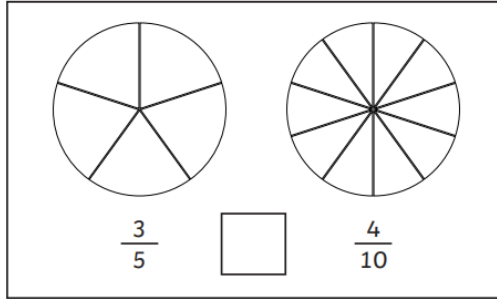
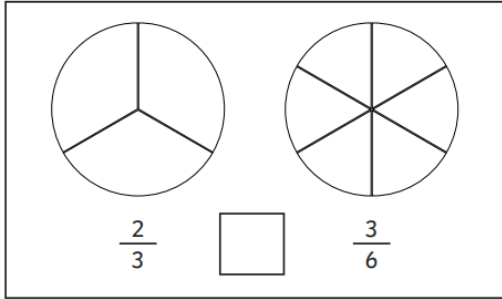
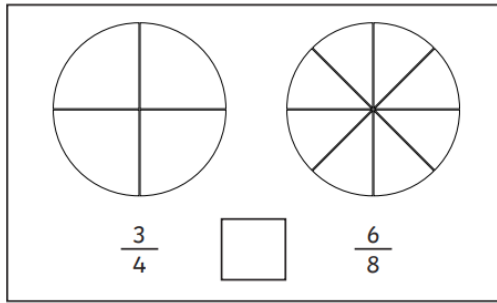
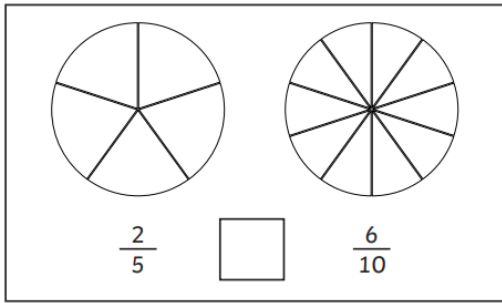
<https://www.amnh.org/explore/ology/marine-biology#all> - fun website with games American Natural History Museum

<https://www.youtube.com/watch?v= 38JDGnr0vA> - Blue Planet II video

<https://www.bbc.co.uk/cbbc/quizzes/blue-planet-one-ocean>

Complete these sentences using the correct homophone.

1. “Look at the beautiful rainbow over \_\_\_\_\_!” gasped Lydia.
2. The one with the white fence is \_\_\_\_\_ house.
3. Do you think \_\_\_\_\_ hiding?
4. Put the book over \_\_\_\_\_ on the shelf.
5. \_\_\_\_\_ bus was running late.
6. The cold wind made \_\_\_\_\_ teeth chatter.
7. Could they be in \_\_\_\_\_?
8. Blue Smarties are the best; \_\_\_\_\_ my favourites.
9. Ava and Lucas put \_\_\_\_\_ hands up at the same time.
10. Are you sure \_\_\_\_\_ not real?
11. The new teacher got \_\_\_\_\_ books in a muddle.
12. I went \_\_\_\_\_ last summer too!
13. Is \_\_\_\_\_ a doctor anywhere near?



Name: \_\_\_\_\_

Number Correct: \_\_\_\_\_

Time: \_\_\_\_\_

Previous Score: \_\_\_\_\_



1 × 1 =	11 × 12 =	10 × 12 =	3 × 5 =	1 × 9 =	7 × 1 =
1 × 5 =	1 × 2 =	2 × 5 =	4 × 1 =	2 × 9 =	4 × 5 =
3 × 1 =	3 × 3 =	9 × 12 =	3 × 7 =	6 × 1 =	3 × 11 =
1 × 4 =	4 × 3 =	1 × 3 =	11 × 7 =	4 × 9 =	3 × 9 =
5 × 1 =	8 × 9 =	5 × 5 =	8 × 12 =	2 × 7 =	5 × 11 =
10 × 3 =	6 × 3 =	1 × 11 =	2 × 11 =	11 × 11 =	1 × 7 =
5 × 3 =	9 × 7 =	7 × 5 =	7 × 7 =	7 × 9 =	10 × 5 =
8 × 1 =	10 × 1 =	5 × 7 =	6 × 5 =	3 × 8 =	8 × 11 =
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11 × 9 =	6 × 8 =	6 × 11 =	10 × 7 =	10 × 9 =	10 × 11 =
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7 × 12 =	10 × 10 =	12 × 6 =	7 × 10 =	4 × 8 =	10 × 8 =

