

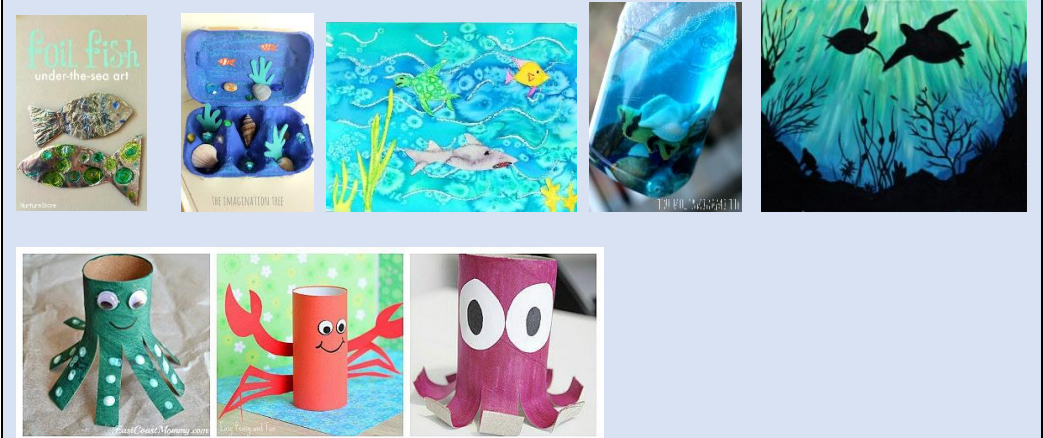
Happy Birthday to Leo and William



Hi Class 3,
 It was great to see you at the Zoom meeting – to see all your smiley faces. I am very impressed with all the work and creative things you are doing at home. Well done – keep up the great work!
 This week's learning is based on the theme ' **Deep Sea Diving**' – I hope you enjoy it!
 Best wishes, Mrs Calnon
class3.sch233@educ.somerset.gov.uk

	MATHS	LITERACY	QUEST	Deep Sea Diving
<p>Day 1 Happy Birthday for yesterday Leo</p>	<p>Log in to MyMaths https://app.mymaths.co.uk/1758-lesson/estimates-and-inverse-operations</p> <p>Make sure you complete the lesson before you do the online homework.</p>	<p>Spellings Revise words with silent letters. Have a go at the spelling challenge game if you wish.</p> <p>Today's focus: Descriptive Writing</p> <p>Today we are going to write a diary entry. I want you to imagine that you are a deep sea diver.</p> <p>TASK 1: List as many things that you can think of that you will experience if you were to dive deep into the sea. Now look at your list. Have you used just 1 of the 5 senses? (<i>most probably 'sight'?</i>) See if you can list things that you might hear, touch, smell or even taste.</p> <p>TASK 2: Watch this clip and add to your list. https://safeyoutube.net/w/B2w6</p> <p>TASK 3: Write your diary entry and remember to include the 5 senses. (See example below – scroll down)</p> <p>Remember to do some reading today ☺.</p>	<p>Music - Enjoy singing along to this song – 'Under the Sea' from Disney's 'The Little Mermaid'. https://www.youtube.com/watch?v=GC_mV1I_pjWA</p> <p>The Aquarium Click on the link below and listen to the music. It is well – known and originally comes from 'Carnival of the Animals' by Camille Saint-Saens. https://www.youtube.com/watch?v=tYT9ZbDug-g Write a list of all the instruments you can see being played. Now listen to this version (below) of the same music. It is slightly different – an 'interpretation,' which means the musicians have made their own version of the music. It is played on the piano and the Marimba. Can you hear the main tune? https://www.youtube.com/watch?v=W45TQgChKh0</p>	<p>PE: TASK 1: Think back to the gymnastics and dance units in PE that we completed in school. Can you remember that we focused on different types of jumps and rolls and modes of movement (travelling)?</p> <p>TASK 2: See if you can have a go at the 'Under the Sea' movement exercises (scroll down).</p> <p>TASK 3: Now can you think of 2 more creatures that you would find in the sea. How might they move? Think of an action and exercise for these creatures.</p>

<p>Day 2 A joke from Megan: Teacher: What do we call the outer part of a tree? Pupil: Don't know miss Teacher:- Bark, silly! Bark!! Pupil:Woof woof!</p>	<p>Log in to MyMaths https://app.mymaths.co.uk/4-lesson/number-facts-and-doubles-4 Make sure you complete the lesson before you do the online homework.</p>	<p>Spellings Practise this week's spellings. Today's focus: SPaG (sentence structure) Today we are going to improve our sentences to make them more interesting and provide extra detail. TASK 1: How many ways can you think of to make sentences more interesting? TASK 2: Think of a simple sentence e.g. The fish swam through the water. -You could add detail about the fish or the water using an expanded noun phrase (adjectives). -You could add adverbs to say how it swam e.g. quickly. The colourful fish swam peacefully through the cold, glistening water. See extra information below with Tuesday's lesson resources.. TASK 3: Improve the sentences on the worksheet for today (scroll down). Remember to do some reading today 😊.</p>	<p>Deep Sea Diving Science Choose between Activity 1 and Activity 2 Activity 1- Fun with Density Read the instructions on the sheet. Make sure you ask a grown up for the 'ingredients' you need for this experiment. Can you complete the challenge on the sheet?</p>	<p>Activity 2 – Does it Float or Sink? Make sure you ask a grown up for the 'ingredients' you need for this experiment. Get a large bowl of water and a selection of fruit and vegetables. Predict whether each fruit or vegetable will float or sink when you put it in the bowl of water. Complete the worksheet (scroll down) with your discoveries and ideas.</p>
<p>Day 3 A joke from Leo: What did Mr and Mrs Atos called their son and daughter? Tom and Pat (Tom Atos and Pat Atos) (Tomatoes and Potatoes)</p>	<p>Warm up – Go to https://www.topmarks.co.uk/maths-games/7-11-years/times-tables Topmarks – 5 minutes times tables practice: either 'Hit the Button' or 'Daily Ten'. Select the times table you need to learn. Challenge yourself! If you already know all your tables, try the <u>division facts</u>. Activity: Revision Complete the questions on Activity Mat 3 (scroll down) Remember to use bar models, part whole and Base ten– draw pictures or use objects to help you. Stop after 30 minutes. Check your answers.</p>	<p>Spellings Practise this week's spellings Today's focus: Reading (comprehension) Today we are going to learn about the differing layers of the ocean and find out information and characteristics about each layer. TASK 1: Read the information on Wednesday's lesson (scroll down) called 'The Layers of the Ocean'. TASK 2: Can you think of some actions to help you remember each of the names and maybe some characteristics of each? TASK 3: Answer the questions on the worksheet. Remember to write in full sentences. Remember to do some reading today 😊.</p>	<p>Geography Geography : <i>I would like you to begin by thinking back to our geography work earlier in the year. Can you remember the 5 oceans of the world? Challenge: Can you order them by size?</i> (scroll down for the answers) Watch this video:: https://www.youtube.com/watch?v=vfv7TF9RHbY Today, we are going to explore some of the 'marine wonders' on planet Earth! You will need access to a globe, atlas, geographical information book and/or the Internet. TASK 1: Look at the 'Marine Wonders' sheet on Wednesday's resources – scroll down. Have you heard any of these places before? Can you guess some of the card sort pairs by studying the pictures? TASK 2: Using your research skills, match the 'marine wonders' pictures to their information card. TASK 3: Now choose 1 of the marine wonders and do some further research about it. Then create a poster, leaflet, PowerPoint, pop-up book or something else of your choice to present information on your chosen wonder.</p>	

<p>Day 4</p>	<p>Warm up – Go to https://www.topmarks.co.uk/maths-games/7-11-years/times-tables</p> <p>Topmarks – 5 minutes times tables practice: either ‘Hit the Button’ or ‘Daily Ten’. Select the times table you need to learn. Challenge yourself! If you already know all your tables, try the <u>division facts</u>.</p> <p>Activity: Revision</p> <p>Complete the questions on Activity Mat 4 (scroll down)</p> <p>Remember to use bar models, part whole and Base ten– draw pictures or use objects to help you.</p> <p>Stop after 30 minutes.</p> <p>Check your answers.</p> <p>If you have spare time, play some fun maths games.</p>	<p>Spellings</p> <p>Practise this week’s spellings</p> <p>Today’s focus: Poetry</p> <p>Today we are going to apply your knowledge of different types of poems that we have previously learnt about.</p> <p>TASK 1: Listen to 3 poems of choice from this list: https://childrens.poetryarchive.org/collections/under-the-sea/</p> <p>TASK 2: Using the poems that you have listened to as inspiration, write a poem linked to the sea/ocean.</p> <p>Remember to do some reading today ☺.</p>	<p>Deep Sea Diving Art</p> <p>Choose any of these art ideas to create your own ‘Under the Sea’ artwork. Scroll down for the instructions.</p> 
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***FUNKY FRIDAY:** Use today to catch up or complete any unfinished work. If you have finished your work have a go at the activities below. Remember to practise your times tables and do some reading ☺*

<p>Day 5</p> <p>Happy Birthday for tomorrow William</p>	<p>Free choice of maths games, times tables – catch up time.</p> <p>https://www.timestables.co.uk/</p> <p>https://www.mathsisfun.com/</p> <p>https://mathsframe.co.uk/en/resources/category/22/most-popular</p>	<p>Spellings</p> <p>Practise this week’s spellings</p> <p>Today’s focus: Vocabulary and dictionary skills.</p> <p>Today we are going to develop our vocabulary and practise using a dictionary.</p> <p>TASK 1: Read these words and put them in alphabetical order → <u>marine, barnacle, crustacean, coral, manatee and barracuda.</u></p> <p>TASK 2: Using a dictionary, find out the definitions for these words.</p> <p>TASK 3: Put the definitions into your own words and draw a picture of/or related to each word.</p>	<p><i>Golden time / catch up time</i></p>
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Scroll down for this week’s worksheets and resources.

Spellings - week beginning 29th June 2020

Silent letters revision Choose 5 words to learn if you find them tricky ☺

Use this sheet to practise your spellings. Use Look Say Cover Write Check each day.

☺ Challenge: Gain 1 house point - do the activity on the next sheet.

Word	LSCWC Day 1	LSCWC Day 2	LSCWC Day 3	LSCWC Day 4	LSCWC Day 5
build					
guide					
guard					
wheat					
whale					
honest					
whirl					
gnome					
gnaw					
surprise					



Game 1

S	T	V	E
K	E	N	O
T	P	U	Y
E	O	M	P

POINTS GUIDE	
3 letter words	1 point
4 letter words	2 points
5 letter words	3 points
6 letter words	4 points
7+ letter words	5 points

How many different words can you create using adjoining letters? The letters must touch each other but can join in any direction - horizontally, vertically or diagonally. You cannot use the same letter cube more than once in a single word.



_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Now add up your total points score using the Points Guide and record it in the box.



TOTAL POINTS

Monday - Literacy

Here is an example diary entry.

29th June 2020

Dear Diary,

I write this message having had the most surreal experience yesterday. I can still feel the euphoric feeling tingling through my bones. However, that was not how I was feeling before entering the water! My fellow divers and I perched on the edge of the boat with all of our equipment set up. The waves of worry that travelled through my mind were short-lived. Before we knew it, we were in the centre of the deep, blue ocean and had shoals of tropical, iridescent fish surrounding us.

SPLASH and we were in! The whirring sounds of the boat's engine soon became distant and my ears adjusted as we descended. The salty waters covered my lips and cooled my face. In every direction that I looked, the ocean's inhabitants surrounded me. I still can't believe all of the species that I saw. My highlight had to be the group of delicate, tangerine and silver-speckled seahorses peering through the gaps beneath the colossal rocks.

I'll write again tomorrow after I have had a good look through my video footage. It was definitely an unforgettable experience and I would love to do it all over again.

Love,

Mrs C x



Stan the Starfish

How many star jumps can you do in 20 seconds?

- Start with your feet close together.
- Jump and land with your feet wide apart.
- Stretch your arms out above your head.
- Jump your feet back together and bring your arms down.

Lancelot the Crab

Can you walk like a crab?

- This is a great workout for your whole body!
- Sit on the floor and put your hands on the ground behind you.
- Lift your hips up off the ground so that you are on all fours but with your tummy facing upwards.
- Now try moving on your hands and feet.
- Can you move forwards, backwards and side to side like a crab?





Fleeing Fish

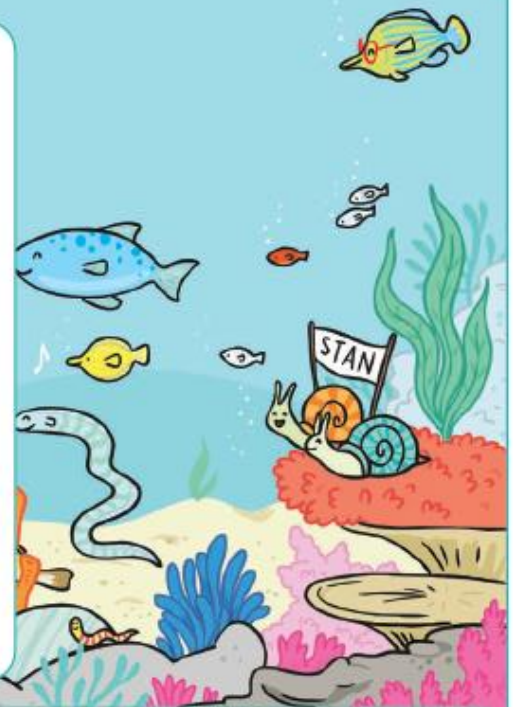
'Now, when all the fish saw Lancelot, they all began to flee.'

- Swim away as quickly as you can from Lancelot!
- Run and do front crawl arms at the same time!
- Now try backstroke arms.
- Have a rest and then repeat.

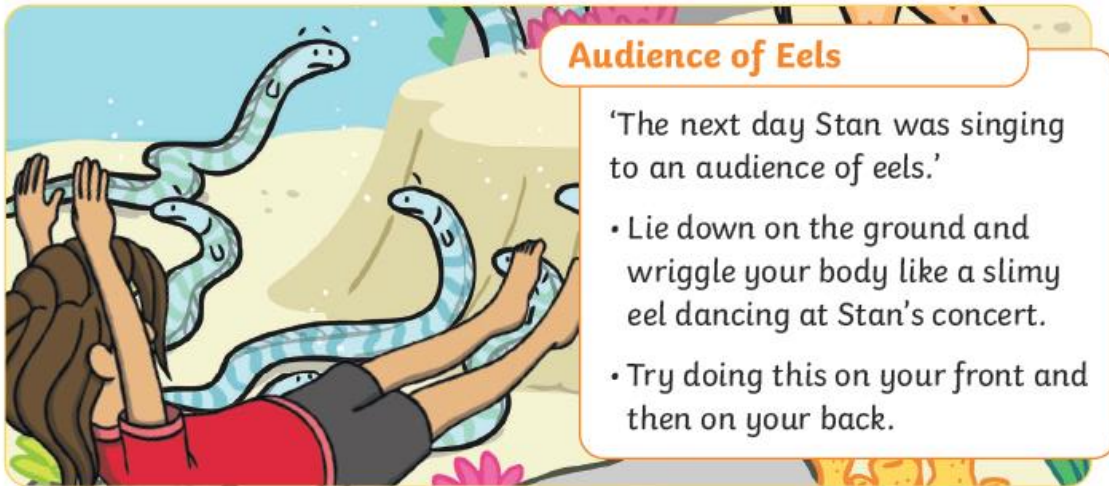
Snail Walk

Can you do a snail walk?

- Start from a standing position.
- Place your hands down on the ground in front of you.
- Walk your hands away from your feet until you are in a press-up position.
- Then, walk your feet in towards your hands again and repeat.
- Try to keep your legs and your back straight.



Monday - PE



Audience of Eels

'The next day Stan was singing to an audience of eels.'

- Lie down on the ground and wriggle your body like a slimy eel dancing at Stan's concert.
- Try doing this on your front and then on your back.

Stan's Singing School

Imagine you are making some music with your friends at Stan's Singing School

- Try playing the following musical instruments:
 - the drums
 - the guitar
 - the piano
 - the saxophone

And now have a good boogie!



Tuesday - Literacy

Additional information explaining what expanded noun phrases are:

Under the Sea Expanded Noun Phrases

A note to parents: An expanded noun phrase gives more detail or information about a noun. This is usually done by adding adjectives to describe the noun in the noun phrase, for example:

She walked through the dark, mysterious forest.

Or by adding a prepositional phrase to add further information about the noun, such as:

The man with the wooden walking stick walked slowly across the road.

Look at the picture of the underwater scene below. Dori has been writing some sentences about the picture. Can you improve her sentences by expanding the underlined **simple noun phrase** in each sentence by adding an adjective(s) or prepositional phrase? The first one has been done for you.



Tuesday - Literacy

1. The shark swam below the waves.

The shark swam below the crashing waves.

2. The shark swam below the crashing waves.

3. In the distance, an octopus meandered through the reef looking for prey.

4. The colours on the octopus's body undulated in the shimmering water.

5. On the bottom of the ocean, the seaweed gently drifted in the warm currents.

6. Covering the ocean floor, lots of coral glittered in the sun's rays.

7. Unaware of the shark, two clownfish drifted by.

8. Unaware of the shark, two clownfish drifted by.

9. Dappled light broke through the surface of the sea.

10. A seahorse hovered above the reef catching plankton as it passed.

Well done for adding an expanded noun phrase to each sentence above. Now write some of your own sentences about the picture which include expanded noun phrases.

1. _____

2. _____

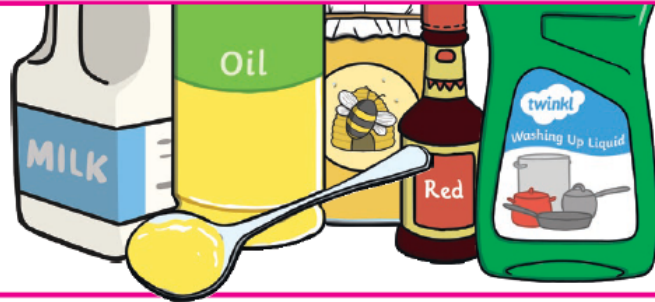
3. _____

Tuesday Science Activity 1

Fun with Density

You Will Need

- Honey
- Milk
- Water
- A Glass
- Vegetable oil*
- Food colourings
- Golden syrup
- Washing up liquid



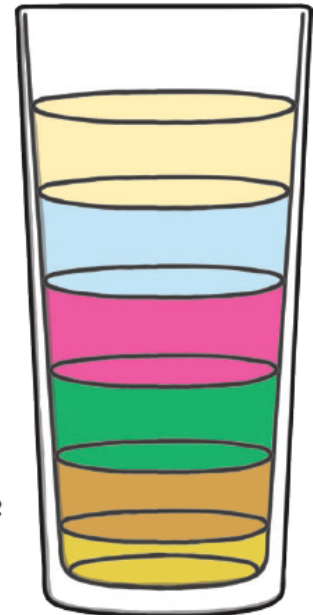
* Please dispose of oil safely and responsibly.

Density is a really tough concept to grasp. We confuse ourselves by referring to our weight all the time when we really mean our **mass**. **Mass** is effectively 'how much stuff' is there. **Density** is how much mass is in a volume (or space).

One way to illustrate density is to pour different liquids (which have different densities) on top of each other. The liquids with the greatest density sink to the bottom.

Method

- 1 Measure out the same volume of each of the liquids. Colour the water and the milk if you wish.
- 2 Starting from the bottom, pour in the honey. Make sure it goes into the middle of the glass and that you don't get any honey on the sides.
- 3 Slowly pour the golden syrup on top, followed by the washing up liquid.
- 4 Then add the milk, followed by the water.
- 5 Finally top with vegetable oil and admire your rainbow glass!



The Science Bit

Each of the liquids have a different mass of molecules or different numbers of parts squashed into the same volume of liquid, this makes them have different densities and therefore one can sit on top of the other – the more dense a liquid is the heavier it is.

Do you think you could float small objects on each of the different levels? We'd love to see a photo if you can.

Tuesday Science Activity 2



Will it float or sink?

Vegetable /fruit	Prediction: (float or sink)	What did it do? (float or sink)	Explanation - have a guess as to why it floats or sinks.

Think about objects you know that float or sink. This may help you with your explanation.

Year 3 Maths Activity Mat

Section 1

Order these fractions from smallest to largest:

$$\frac{4}{4} \quad \frac{2}{4} \quad \frac{3}{4} \quad \frac{1}{4}$$

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Order these numbers from largest to smallest:

230 521 495 420

--	--	--	--

Section 2

Draw a pair of parallel lines:

What is $\frac{1}{2}$ of 220?

Section 3

How many right angles does a square have?

Write two more facts about squares:

Section 4

Cassie has 24 flowers and 4 vases.

If she shares them equally, how many flowers will be in each vase?

Section 5

How many minutes are there in 1 and a half hours?



Section 6

6 eggs fill one box.

If I have 24 eggs, how many boxes will I need?



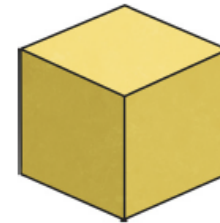
Section 7

An entrance ticket for a theme park costs £20 and I can go on as many rides as I like.

Or each ride costs £3. If I want to go on 4 rides, is it cheaper to pay for each ride or buy the entrance ticket?

Section 8

How many faces does this 3D shape have?



Section 1

Order these fractions from smallest to largest:

$$\frac{4}{4} \quad \frac{2}{4} \quad \frac{3}{4} \quad \frac{1}{4}$$

$\frac{1}{4}$	$\frac{2}{4}$	$\frac{3}{4}$	$\frac{4}{4}$
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Order these numbers from largest to smallest:

230 521 495 420

521	495	420	230
-----	-----	-----	-----

Section 2

Draw a pair of parallel lines:



What is $\frac{1}{2}$ of 220?

110

Section 3

How many right angles does a square have?

4

Write two more facts about squares:

Accept any reasonable answer.

Section 4

Cassie has 24 flowers and 4 vases.

If she shares them equally, how many flowers will be in each vase?

6

Section 5

How many minutes are there in 1 and a half hours?



90 minutes

Section 6

6 eggs fill one box.

If I have 24 eggs, how many boxes will I need?



4

Section 7

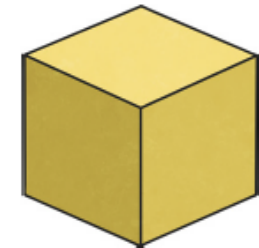
An entrance ticket for a theme park costs £20 and I can go on as many rides as I like.

Or each ride costs £3. If I want to go on 4 rides, is it cheaper to pay for each ride or buy the entrance ticket?

Pay for rides.

Section 8

How many faces does this 3D shape have?

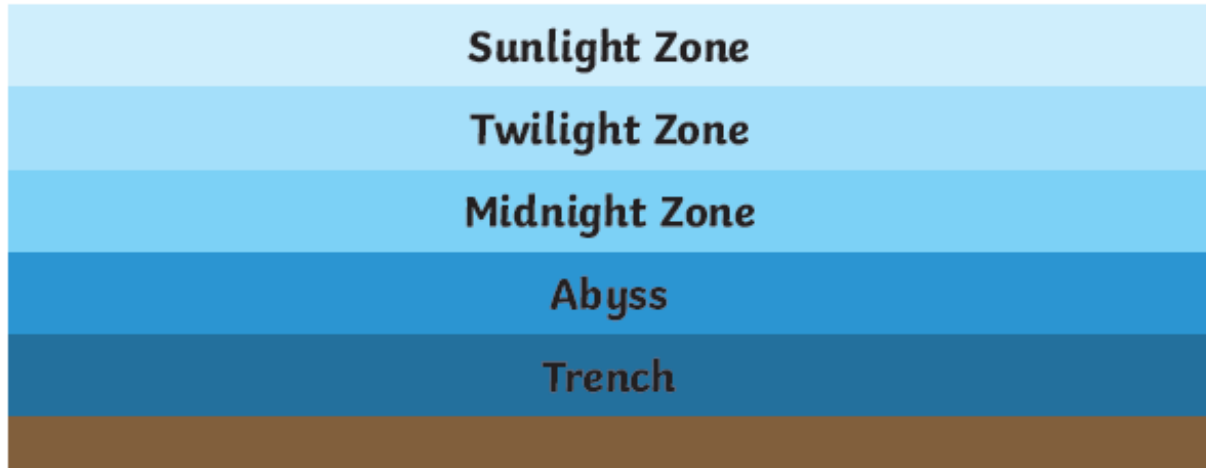


6

The Layers of the Ocean

Ocean Layers

Oceans cover two thirds of our Earth. The ocean is deeper in some places than others. We call these different depths, **layers**. Each layer is special, with different animals and plants living there.



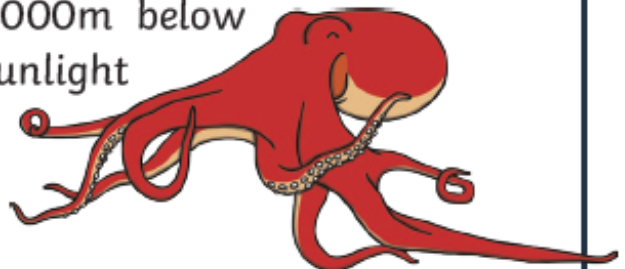
The Sunlight Zone

The Sunlight Zone is up to 200m below the surface of the ocean. Sunlight can reach this layer. Most of all, ocean animals and plants live here. The water is warm and both humans and fish swim here.



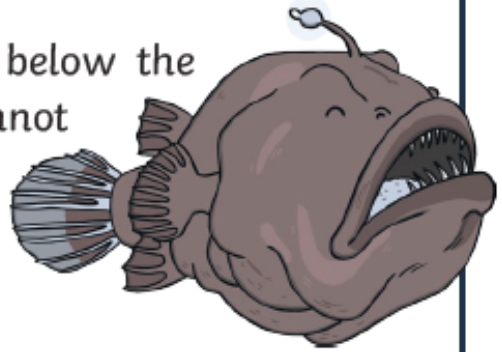
The Twilight Zone

The Twilight Zone is up to 1000m below the surface of the ocean. The sunlight cannot reach this layer so it is very dark. Animals that live here often have big eyes to help them see.



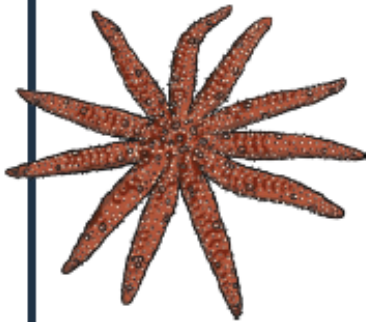
The Midnight Zone

The Midnight Zone is up to 4000m below the surface of the ocean. Sunlight cannot reach this layer, which means it is pitch black. Many animals that live here make their own light, such as lanternfish.



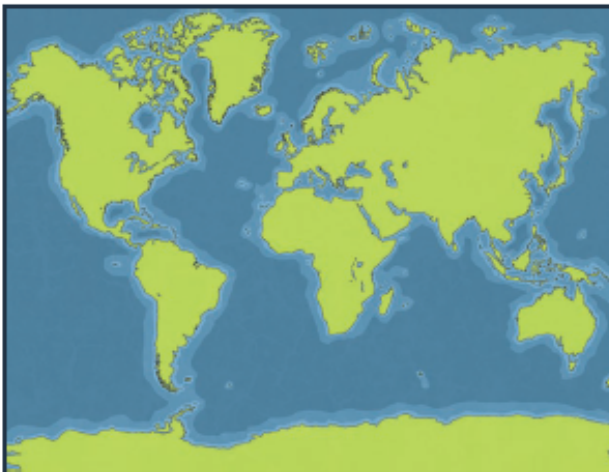
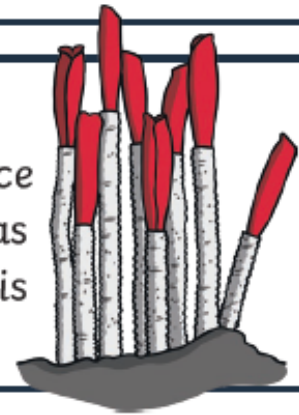
The Abyss

The Abyss is up to 6000m below the surface of the ocean. Sunlight cannot reach this level at all and the water is near freezing. Only a few animals can live here, such as sea stars and crabs.



The Trench

The Trench is up to 11,000m below the surface of the ocean. The Trench is also known as the ocean floor. The temperature here is near freezing.



Did You Know?

The deepest part of the ocean is in the Mariana Trench. It is almost 11,000m deep!

Questions

1. How much of the Earth do oceans cover? Tick **one**.

- one third
- two thirds
- half

2. Number these ocean layers in order of how **deep** they are. The first one has been done for you.

- The Twilight Zone
- 1 The Sunlight Zone
- The Midnight Zone
- The Abyss

3. Draw lines to match the sentences to the ocean layers they describe.

Only a few animals can live here.

The Sunlight Zone

Humans can swim here.

The Trench

This layer is also called the ocean floor.

The Abyss

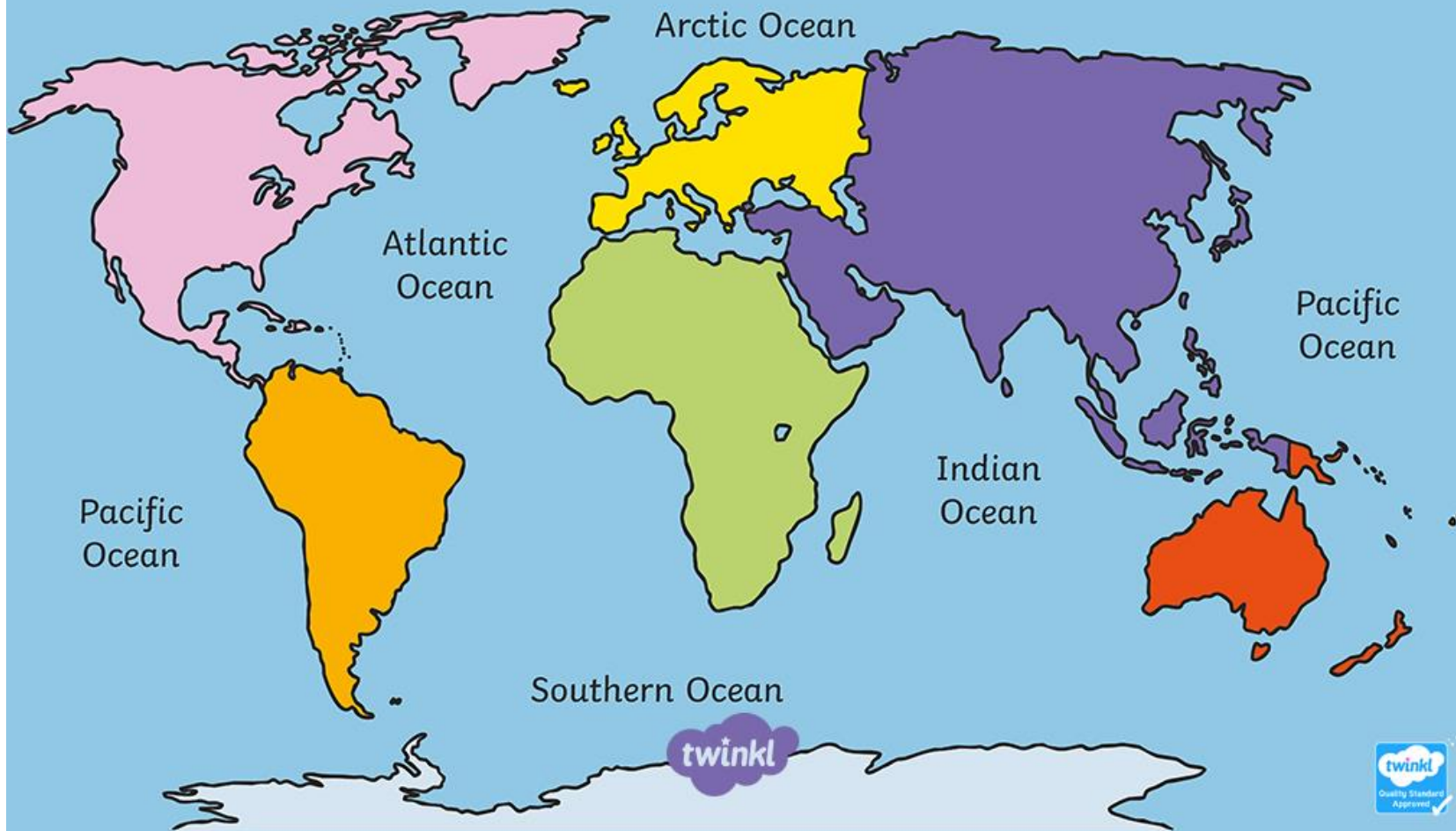
4. Fill in the missing word.

In the Midnight Zone it is pitch _____.

5. Why do animals that live in the Twilight Zone often have big eyes?

Oceans of the World

Interactive PowerPoint



Largest to smallest:

1. Pacific Ocean
2. Atlantic Ocean
3. Indian Ocean
4. Southern Ocean
5. Arctic Ocean

STUDENT SHEET 5b: MARINE WONDERS CARD SORT

Instructions: Cut out the cards and match the seven wonders to their descriptions.

Great Barrier Reef



Description: This has biggest difference between the high and low tide: 16.3m, which is taller than a 3 storey building!

Location: The east coast of Canada.

Mauna Kea



Description: This is the largest coral habitat in the world.

Location: Off the east coast of Australia.

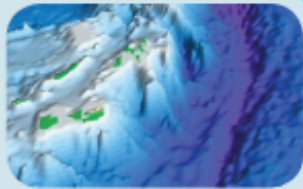
Southern Ocean



Description: This is the deepest place on Earth. It is 10,994m below sea level.

Location: In the Pacific Ocean.

Challenger Deep



Description: This is the roughest ocean in the world, making tall, steep waves. This happens because of the wind and current.

Location: All around Antarctica.

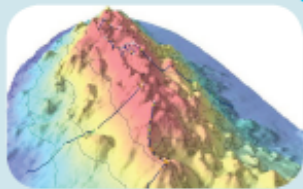
Red Sea



Description: An enormous, mostly underwater mountain range, that runs for over 10,000 miles!

Location: Middle of the Atlantic Ocean.

Mid Atlantic Ridge



Description: This is the saltiest sea on Earth.

Location: Between Africa & Middle East.

Bay of Fundy



Description: This is actually the tallest mountain in the world at over 10,000m; but most of it is below the sea.

Location: Hawaii, centre of the Pacific.

Year 3 Maths Activity Mat

Section 1

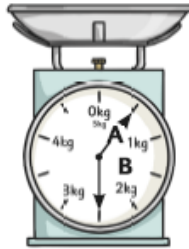
What's the missing number?

$$90 + \square = 130 \quad 70 + \square = 150$$

$$80 + \square = 140 \quad 50 + \square = 120$$

Section 4

What measurements are the arrows pointing at?



A =

B =

Section 5

How many minutes are there left in the hour if the time is :

2:20 =
6:50 =
1:10 =
11:35 =

Section 2

$$\begin{array}{r} 274 \\ + 127 \\ \hline \end{array}$$

$$\begin{array}{r} 355 \\ + 138 \\ \hline \end{array}$$

Linda drives 176km in the morning and 145km later that day. How far has she travelled altogether?

Section 3

I think of a number.

I halve it.

I add 8.

The answer is 12.

What is my number?

Section 6

Mentally work these out:

Tickets cost £6 for a coach trip. How much will four tickets cost?

How many 3cm strips can be cut from 24cm of tape?

Section 7

Magic Squares: the sum of each row, column and diagonal is the same. Work out the magical missing numbers!

8		12
	9	5
		10

Section 8

Five lengths of the swimming pool is 150m. How long is the pool?

Year 3 Maths Activity Mat: 4

Answers

Section 1

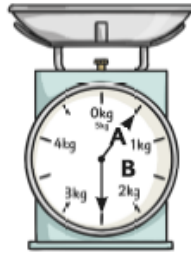
What's the missing number?

$$90 + \boxed{40} = 130 \quad 70 + \boxed{80} = 150$$

$$80 + \boxed{60} = 140 \quad 50 + \boxed{70} = 120$$

Section 4

What measurements are the arrows pointing at?



A = **0.5kg**

B = **2.5kg**

Section 5

How many minutes are there left in the hour if the time is :

2:20 = **40 minutes**

6:50 = **10 minutes**

1:10 = **50 minutes**

11:35 = **25 minutes**

Section 2

$$\begin{array}{r} 2 \ 7 \ 4 \\ + 1 \ 2 \ 7 \\ \hline 4 \ 0 \ 1 \end{array}$$

$$\begin{array}{r} 3 \ 5 \ 5 \\ + 1 \ 3 \ 8 \\ \hline 4 \ 9 \ 3 \end{array}$$

Linda drives 176km in the morning and 145km later that day. How far has she travelled altogether?

321km

Section 3

I think of a number.

I halve it.

I add 8.

The answer is 12.

What is my number?

8

Section 6

Mentally work these out:

Tickets cost £6 for a coach trip.
How much will four tickets cost?

£24

How many 3cm strips can be cut from 24cm of tape?

8

Section 7

Magic Squares: the sum of each row, column and diagonal is the same.
Work out the magical missing numbers!


8	7	12
13	9	5
6	11	10

Section 8

Five lengths of the swimming pool is 150m. How long is the pool?

30m

Thursday – Deep Sea Diving Art

	<p>Salty Sea: Follow the instructions to make this watercolour and salt picture at https://buggyandbuddy.com/ocean-art-project-for-kids-using-watercolor-and-salt/</p>
	<p>Egg box ocean: Paint an egg box blue on the inside and add any special shells you may have found at the beach. Create your own seaweed, coral and fish with paper and card.</p>
	<p>Foil fish: Cut out some cardboard into a fish shape and wrap it with foil. Try to keep it smooth. Use ballpoint pens and sharpies or other permanent pens to decorate the fish with scales and fins.</p>
	<p>Ocean in a bottle: Find a clear plastic bottle with a lid and some objects that you would find in the sea. Put the sea objects inside the bottle (a bottle with a wide opening is easier). Add some water, a few drops of blue food colouring. If you add baby oil or cooking oil to the mix, it creates bubbles when shaken.</p>
	<p>Silhouette sea creatures First of all, create a colour wash with watercolours or coloured pencils. When dry, add silhouettes of sea weed and sea creatures.</p>
	<p>Loo Roll Creatures. Use your imagination to create your own sea creatures from toilet rolls.</p>

