






KEEP ACTIVE 😊 STAY HEALTHY 😊 HAVE FUN AND SMILE 😊

Choose exercise activities that you enjoy and aim to take part in 30 minutes of physical activity each day to help you stay fit and healthy. Please continue to; read daily, practise your times tables facts and learn your weekly spellings.

	<p>Maths (60 mins each day) This week we are continuing a unit of work on Geometry and will be focusing on shapes and their properties; in particular quadrilaterals and triangles. We will be using the Oak National Academy website and it works best/the quickest when using the Google Chrome browser.</p>	<p>Literacy (60 mins each day) This week our Literacy is linked to our 'Deep Sea Diving' theme. There are a range of different tasks that will require you to draw upon your knowledge that we have covered throughout this year. Remember Year 4 writing should include: CL . , ! ? ' " "</p>		
<p>Day 1</p>	<p>Maths Warmup – see resource called 'Flashback 4' on the class webpage. Complete Day 1 and record in your book.</p> <p>Lesson 6 - Shape and symmetry: To compare and classify 2D shapes. https://classroom.thenational.academy/lessons/to-compare-and-classify-2d-shapes </p> <p>Today's Tasks: 1. Complete the 'introductory quiz' and check your answers. 2. Now watch the video. Pause the video as instructed and complete the questions and tasks in your book. Listen carefully to the feedback and mark your work. 3. Finish by completing the 'exit quiz'.</p>	<p>Today's focus: Descriptive Writing 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 on page 5) Remember to read and practise your spellings.</p>	<p>Music: TASK 1: Enjoy singing along to this song – Under the Sea from Disney's 'The Little Mermaid'. https://www.youtube.com/watch?v=GC_mV1lpjWA</p> <p>TASK 2: '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.</p> <p>TASK 3: Now listen to this version (below) of the same music. It is slightly different; an 'interpretation' (<i>which means the musicians have made their own version of the music</i>). 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 'Deep Sea Diving' movement exercises (pages 12, 13 and 14).</p> <p>TASK 3: Now can you think of 2 or more creatures that you would find in the ocean? How might they move? Think of an action and exercise for these creatures.</p>
<p>Day 2</p>	<p>Maths Warmup – see resource called 'Flashback 4' on the class webpage. Complete Day 2 and record in your book.</p> <p>Lesson 7 - Shape and symmetry: To compare and classify quadrilaterals. https://classroom.thenational.academy/lessons/to-compare-and-classify-quadrilaterals </p> <p>Today's Tasks: 1. Complete the 'introductory quiz' and check your answers. 2. Now watch the video. Pause the video as instructed and complete the questions and tasks in your book. Listen carefully to the feedback and mark your work. 3. Finish by completing the 'exit quiz'.</p>	<p>Today's focus: SPaG (sentence structure) Today we are going to up-level sentences to make them more interesting and provide extra detail.</p> <p>TASK 1: How many ways can you think of to make sentences more interesting? – if possible discuss this with somebody.</p> <p>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. -A preposition to describe the position of something. -A fronted adverbial to describe time, place or manner. During the evening sunset, the colourful fish swam peacefully through the cold, glistening water above the rocks. See extra information on page 6.</p> <p>TASK 3: Up-level the sentences on page 7.</p>	<p>Science: Choose between Activity 1 and Activity 2 (<i>you can do both if you wish</i>)</p> <p>Activity 1- Fun with Density Read the instructions on the sheet (page 15). 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>Science: Choose between Activity 1 and Activity 2 (<i>you can do both if you wish</i>)</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 (page 16) with your discoveries and ideas.</p>

<p>Day 3</p>	<p>Maths Warmup – see resource called ‘Flashback 4’ on the class webpage. Complete Day 3 and record in your book.</p> <p>Lesson 8 - Shape and symmetry: To compare and classify right angled and equilateral triangles. https://classroom.thenational.academy/lessons/to-compare-and-classify-right-angled-and-equilateral-triangles</p> <p>Today’s Tasks:</p> <ol style="list-style-type: none"> 1. Complete the ‘introductory quiz’ and check your answers. 2. Now watch the video. Pause the video as instructed and complete the questions and tasks in your book. Listen carefully to the feedback and mark your work. 3. Finish by completing the ‘exit quiz’. 	<p>Today’s focus: Reading (comprehension)</p> <p>Today we are going to learn about the differing layers of the ocean and find out information and characteristics about each layer.</p> <p>TASK 1: Read the information on pages 8 and 9 called ‘The Layers of the Ocean’.</p> <p>TASK 2: Can you think of some actions to help you remember each of the names and maybe some characteristics of each?</p> <p>TASK 3: Answer the questions on page 10. Remember to write in full sentences.</p> <p style="text-align: right;"><i>The answers are on page 11!</i></p> <p>Remember to read and practise your spellings.</p>	<p>Geography:</p> <p><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? (answers - page 17)</i></p> <p>You might remember watching this: https://www.youtube.com/watch?v=vfv7TF9RHbY</p> <p>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.</p> <p>TASK 1: Look at the ‘Marine Wonders’ sheet on page 18. <i>Have you heard any of these places before? Can you guess some of the card sort pairs by studying the pictures?</i></p> <p>TASK 2: Using your research skills, match the ‘marine wonders’ pictures to their information card.</p> <p>TASK 3: Now choose 1 of the marine wonders and discover further research. Then create a poster, leaflet, PowerPoint, pop-up book or method of your choice to present information on your chosen wonder. It would be great if you could share your information with me via email ☺</p>
<p>Day 4</p>	<p>Maths Warmup – see resource called ‘Flashback 4’ on the class webpage. Complete Day 4 and record in your book.</p> <p>Lesson 9 - Shape and symmetry: To compare and classify isosceles and scalene triangles. https://classroom.thenational.academy/lessons/to-compare-and-classify-isosceles-and-scalene-triangles</p> <p>Today’s Tasks:</p> <ol style="list-style-type: none"> 1. Complete the ‘introductory quiz’ and check your answers. 2. Now watch the video. Pause the video as instructed and complete the questions and tasks in your book. Listen carefully to the feedback and mark your work. 3. Finish by completing the ‘exit quiz’. 	<p>Today’s focus: Poetry</p> <p>Today we are going to apply our knowledge of different types of poems that we have previously learnt about. <i>(List poems, Haikus, Kennings, Rhyming poems etc.)</i></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. Remember to use poetic techniques (e.g. rhyme, similes, alliteration, onomatopoeia, expanded noun phrases etc.)</p> <p>I would love for you to share your ocean-themed poem with me via the class email. ☺</p> <p>Remember to read and practise your spellings.</p>	<p>Art: ‘Deep Sea Diving’ themed art!</p> <p>Choose any of these art ideas to create your own ‘Deep Sea Diving’ artwork. Scroll to page 19 for the instructions.</p> 
<p>Day 5</p>	<p>Well done Class 4 on reaching the final day of home learning for this week! You have 2 options today: A) Use today as a ‘catch up’ day if you are a little behind with the timetable of learning or B) further your learning by completing the activities outlined below. Have a great day ☺</p> <p>Maths Warmup – see resource called ‘Flashback 4’ on the class webpage. Complete Day 5 and record in your book.</p> <p>Lesson 10 - Shape and symmetry To solve problems based on quadrilaterals and triangles. https://classroom.thenational.academy/lessons/to-solve-problems-based-on-quadrilaterals-and-triangles</p> <p>Today’s Tasks:</p> <ol style="list-style-type: none"> 1. Complete the ‘introductory quiz’ and check your answers. 2. Now watch the video. Pause the video as instructed and complete the questions and tasks in your book. Listen carefully to the feedback and mark your work. 3. Finish by completing the ‘exit quiz’. 	<p>Today’s focus: Vocabulary and dictionary skills.</p> <p>Today we are going to broaden our vocabulary and practise using a dictionary.</p> <p>TASK 1: Read these words and put them in alphabetical order → marine, barnacle, crustacean, coral, manatee and barracuda.</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. You may wish to visit this website to discover more ‘Ocean vocabulary’ https://www.enchantedlearning.com/wordlist/ocean.shtml</p> <p>Remember to complete your spelling test today! ☺</p>	<p>Finishing Time:</p> <p>Please use this afternoon to complete any tasks or unfinished work that you may need to do.</p> <p>Optional: Some of you might like to extend your learning about the Coral Reef and be creative! Click on this link and it gives you a step-by-step guide on how to make a coral reef diorama box. https://www.amnh.org/explore/ology/marine-biology/create-a-coral-reef2/activity-instructions</p> <p>Have a fantastic weekend! ☺</p> 

TIMETABLE CLASS 4 WEEK 14

Spellings → This week we are identifying and learning to spell words which have the /s/ sound but are spelt /sc/.

Spelling words with the /s/ sound spelt as /sc/ (normally Latin in origin)
 science, scene, scent, scissors, muscle, discipline, discipline, fascinate, ascend, descend, iridescent, conscience, susceptible, scintillate and obsolescent.

Which spellings should I learn?

Select the words from the box above;

Groups 1 and 4: 8 spellings and 2 statutory words **Group 2:** 6 spellings and 2 statutory words **Group 3:** 4 spellings and 2 statutory words.
 Statutory spellings are at the back of your purple spelling homework folder and in the spelling pack provided.

Please complete the table below with your chosen words or write them in your book.

Spelling activity:

Look, Say, Cover, Write and Check.	1	2	3	4

Story, Story

Write a short story using ALL of your spelling words. Be sure to underline your spelling words in your story.
 You may be able to think of, and include, other spellings that fit the rule.

You may wish to type your story and email it to me if you like! ☺

Please ask a grown up or older sibling to test you on your weekly spellings and record them in your blue books.

TIMETABLE CLASS 4 WEEK 14

A message from Miss Brown...

Hello Class 4!

I hope that you are all well and keeping safe. It has been great keeping in contact with you all last week and hearing about the special achievements and exciting activities that you have been doing at home. I also really enjoyed our Zoom session last week and hope that you had fun playing Bingo! This week I have another game activity. Please make sure you are ready by having a piece of paper and a pencil/pen. As I am in school again this week, I can't set a date and time just yet but will give you as much notice as possible. Keep an eye on Parentmail.

I am sure that you are all aware, we are now drawing near to the end of the Summer term. I can't believe it... it feels like time has flown by! This means that the planning and learning has changed slightly. We have a new topic theme called 'Deep Sea Diving'! Aside from your Maths tasks, all of your learning will link to our new theme. I hope you enjoy the activities. Please remember that you can share some of your learning via the class email (class4.sch233@educ.somerset.gov.uk).

As always Class 4... Keep up the super work! Remember that we ask you to try your best and remain positive. Look after yourselves and your family, stay active and keep on smiling!

Miss Brown ☺



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,

Miss B x

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.



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. _____

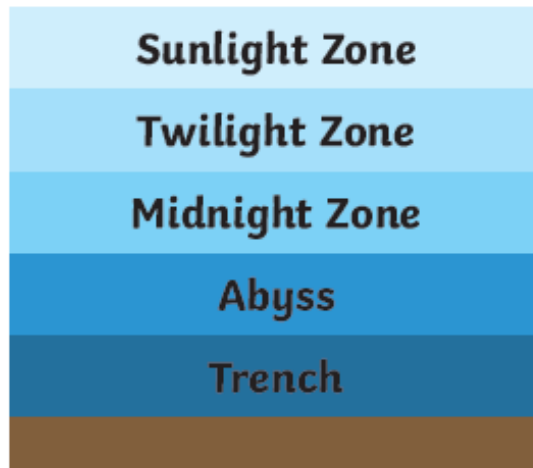
2. _____

3. _____

The Layers of the Ocean

Ocean Layers

Oceans cover two thirds of our Earth. There are five main oceans: the Arctic Ocean, the Atlantic Ocean, the Indian Ocean, the Pacific Ocean and the Southern Ocean.



Ocean Layers

The ocean is deeper in some places than others. We call these different depths **layers**. Each layer has its own characteristics and unique set of animals which live there. Read on to find out about the different layers...

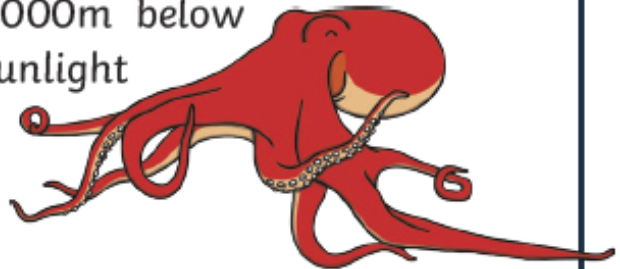
The Sunlight Zone



The Sunlight Zone is up to 200m below the surface of the ocean. Sunlight can reach this layer. Most of all ocean life is found here and many plants, such as seaweed, live here. The water is warm because of the sun. Both humans and fish play and explore here.

The Twilight Zone

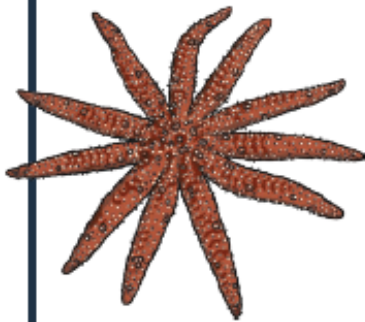
The Twilight Zone is up to 1000m below the surface of the ocean. The sunlight cannot reach this layer so it is very dark. Creatures that live here often have large eyes to help them see.



The Layers of the Ocean

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 creatures make their own light to help them to hunt their prey. Some creatures dive to these depths to hunt, for example, the sperm whale.

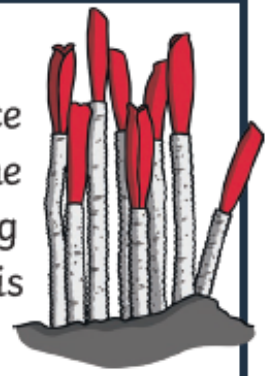


The Abyss

The Abyss is up to 6000m below the surface of the ocean. The sunlight cannot reach this level at all and water in this layer is near freezing. Very few creatures live here, mainly invertebrates, such as sea stars.

The Trench

The Trench is up to 11,000m below the surface of the ocean. The Trench is also known as the ocean floor. This zone can only be explored using special scientific equipment. The temperature is near freezing.



Did You Know?

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!

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, with 1 being the closest to the surface.

- The Twilight Zone
- The Sunlight Zone
- The Midnight Zone
- The Trench
- The Abyss

3. Fill in the missing words.

Many creatures in the _____ Zone make their own light to help them to _____ their prey.

4. Find and copy **two** adjectives used to describe equipment.

5. Which is the largest and deepest of the oceans?

6. Which ocean layer would you most like to explore and why? Give **two** reasons for your answer.

Questions

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special scientific
5. Which is the largest and deepest of the oceans?

The Pacific Ocean is the largest and deepest of all the oceans.
6. Which ocean layer would you most like to explore and why? Give **two** reasons for your answer.

Pupils' own responses, such as: The ocean layer I would most like to explore is the Midnight Zone because it would be dark and spooky. I would like to see whales hunting and creatures that make their own light.



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

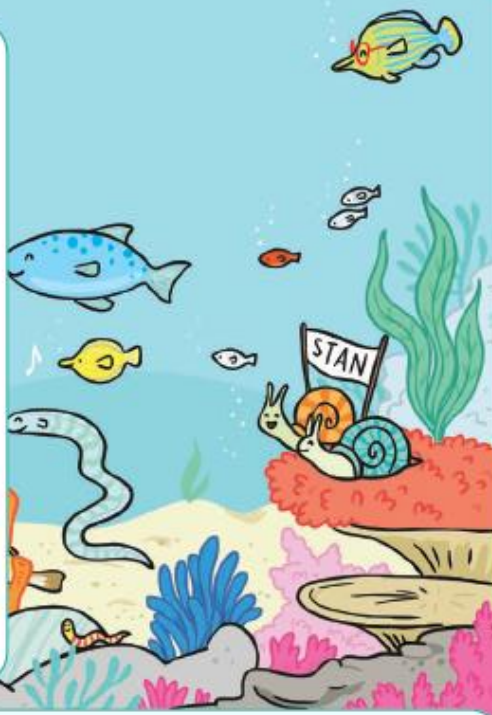
'Now, when all the fish saw Lancelot, they all began to flee.'

- 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.





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!



Fun with Density

You Will Need

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



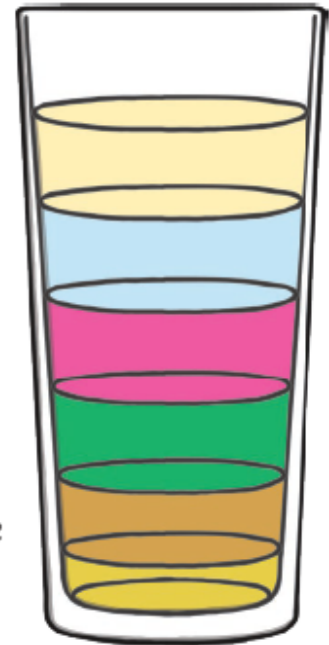
* Please dispose of oil safely and responsibly.

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.

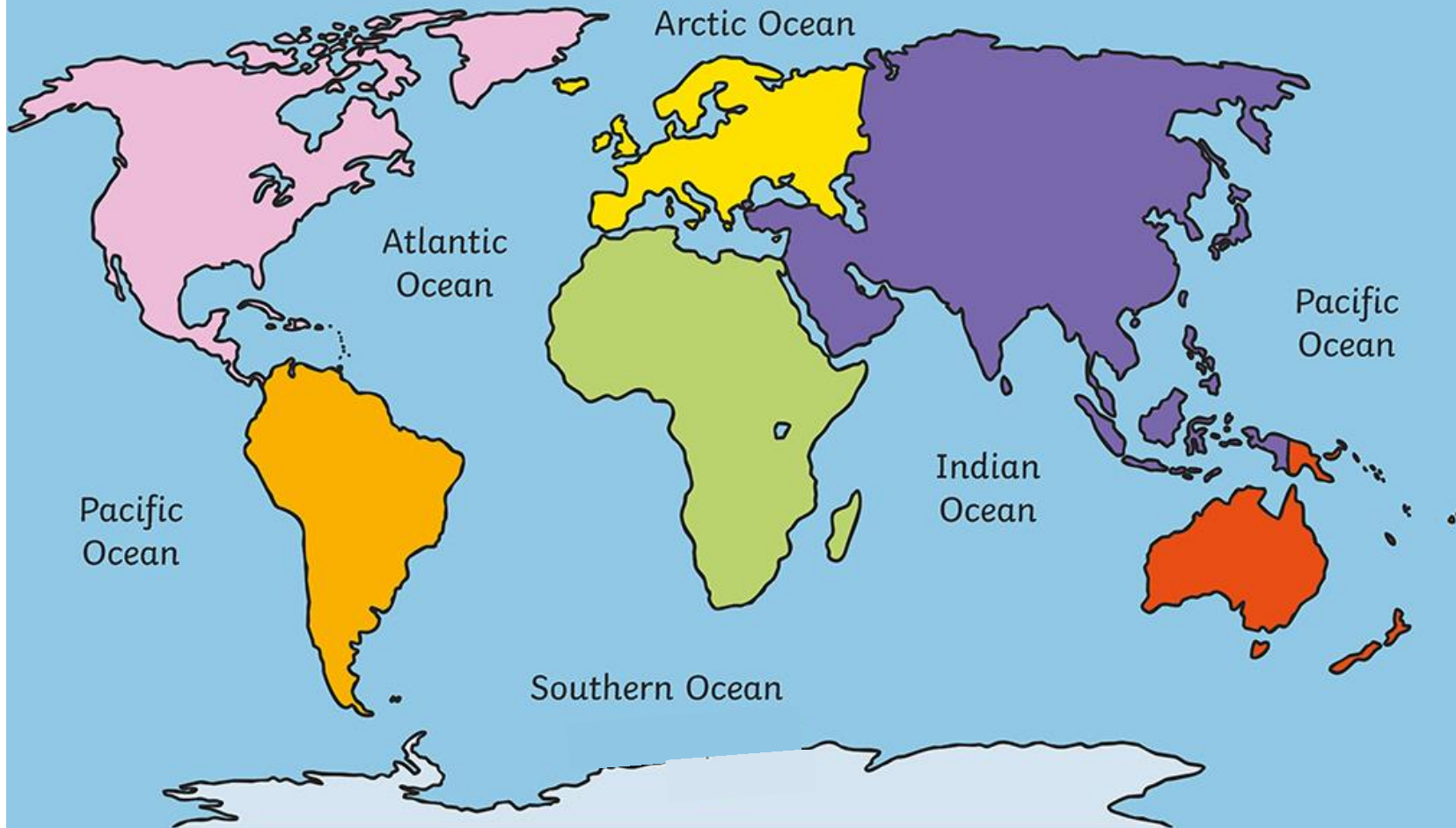


Will it float or sink?

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.

Oceans of the World



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.

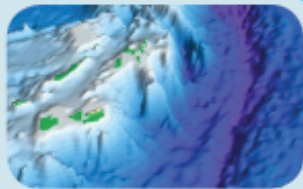
Southern Ocean



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.

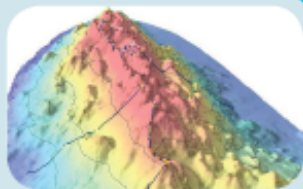
Red Sea



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.

'Deep Sea Diving' themed artwork



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/>



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.



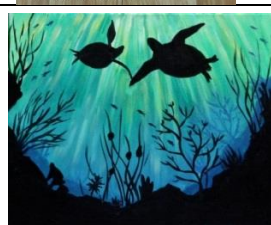
Foil Fish:

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.



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.



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.



Toilet Roll Creatures:

Use your imagination to create your own sea creatures from toilet rolls.