

Year 5
Home Learning 9

Here are some topics which you can work from at home. All work can be recorded in a way you choose.




The theme for this week is **Oceans**.

Monday 8th June 2020 is World Ocean Day. To mark this your topic this week will be focused on oceans.

Each day we put a 'Word of the Day' on the grid below. See if you can:

- Find the definition
- Use the word in a sentence
- List any synonyms
- List any antonyms
- Use the word in a different context
- Use an image to represent the word - be creative!

		English	Maths	Physical	Science	Creative
Monday – World Ocean Day	Word of the day – flabbergasted	https://www.bbc.co.uk/bitesize/topics/z849q6f/articles/zmqwscw	Please see below for additional activities. Complete one each day.	Start a circuit challenge for this week.	Research the water cycle and the role the ocean plays.	Make a salt dough turtle
		<p>Reading Complete the short reading comprehension attached below.</p>	You also have MyMaths and TT Rockstars work as well as work in your text books or SATs papers.	There are some suggestions for exercises below or think of some of your own. (5 will be plenty.)	Can you produce a poster to show your findings? Or maybe film a short video explaining.	Research your ideas.
			This website is also great and gives you daily activities revising all of the things you have learnt in Y5. You could use them as daily starters like we do in class.	Create a table and each day record how many of each of the exercises below you can do in 1 minute.		Sketch your idea in pencil.
			https://myminimaths.co.uk/year-5-mini-maths/	Maybe you could include other members of your house hold.		What features should you include on your turtle?
			Also, don't forget the fantastic resources on the new BBC Bitesize website. Just click on Year 5 and it is full of exciting activities not just for maths	Make sure you warm up with a 3 minute gentle jog or jogging on the spot and cool down to ensure you don't injure yourself.		https://www.redtedart.com/salt-dough-sea-shell-turtles/?cn-reloaded=1
				1) Jumping jacks 2) Squat jumps 3) Sit ups 4) Tricep dips 5) Push ups		Take a picture of your finished turtle

<p style="text-align: center;">Tuesday</p>	<p style="text-align: center;"><i>Word of the Day - gobbledygook</i></p>	<p style="text-align: center;">SPaG Day</p> <p>See below for the task</p>	<p>but for all subjects. https://www.bbc.co.uk/bitesize/dailylessons</p>	<p>How are you doing? Have you seen any improvement on yesterday's scores?</p>	<p>Create a water cycle in a bag.</p> <p>Record your findings.</p> <div style="text-align: center;">  <p>Water Cycle in the Bag Model Activity</p> <p>You will need:</p> <ul style="list-style-type: none"> <li style="width: 50%;">- Suitable plastic sandwich bag <li style="width: 50%;">- Water <li style="width: 50%;">- Permanent markers <li style="width: 50%;">- Blue food colouring <li style="width: 50%;">- Tape <li style="width: 50%;">- Window with exposure to sunshine <p>Instructions:</p> <ol style="list-style-type: none"> 1. On the plastic sandwich bag, draw a diagram of the water cycle. Be sure to include: <ol style="list-style-type: none"> a. sun b. clouds c. water accumulation (at the bottom of the bag) 2. On the plastic bag, draw arrows and labels for: <ol style="list-style-type: none"> a. evaporation b. condensation c. precipitation d. accumulation 3. Fill approximately $\frac{1}{2}$ of the bag with water. 4. Place 2 drops of blue food colouring into the water. 5. Seal the bag. 6. Tape the sealed bag onto the window. The window will need to have plenty of sun hitting it to show the process of the water cycle. 7. Allow the bag to be in direct sunlight for about an hour, then observe the process in the bag and identify the different stages of the water cycle. </div>	<p>Create an underwater painting using salt and water colours.</p> <p>https://buggyandbuddy.com/ocean-art-project-for-kids-using-watercolor-and-salt/</p> <div style="text-align: center;">  <p>Ocean Art Project for Kids</p> </div>
<p style="text-align: center;">Wednesday</p>	<p style="text-align: center;"><i>Word of the Day – harebrained</i></p>	<p style="text-align: center;">Writing Day</p> <p>Look at the image of the shipwreck below:</p> <p>Can you write a detailed description? Try using: Metaphors Similes Alliteration Powerful adjectives Personification</p>	<p>Half way today...</p> <p>You should start to see some improvement.</p> <p>Check your form and make sure you are executing the moves accurately.</p>	<p>Research your choice of underwater creature – there are so many to choose from. The stranger the better.</p>	<p>Have a go at sketching waves.</p> <div style="text-align: center;">  </div> <p>https://www.youtube.com/watch?v=PH9rGjsOZHI</p>	
<p style="text-align: center;">Thursday</p>	<p style="text-align: center;"><i>Word of the Day - incognito</i></p>	<p style="text-align: center;">Writing Day</p> <p>Look at the opening paragraph below:</p> <p>It is the beginning of a story about a shipwreck. Can you finish the story?</p> <p>Think about: Paragraphs Punctuation Fronted adverbials</p>	<p>Keep up the good work.</p>	<p>On the shipwreck you have discovered a new underwater creature.</p> <ul style="list-style-type: none"> • Which animal group does it belong to? • What does its diet consist of? • What are its predators? • What is its natural habitat? • What does it look like? <p>What will you name it?</p>	<p>Using different house hold rubbish – can you make a jelly fish?</p>	

	Word of the Day - juggernaut	<p style="text-align: center;">Spelling Day</p> <p>Choose 10 different Year 5 spelling words and write a paragraph which includes them all.</p> <p>Can your paragraph have a weather and climate theme</p> <p>Log onto Spelling Shed and complete this weeks activities.</p>		<p>Today is the final day of your challenge!</p> <p>How much have you improved since Monday?</p> <p>Can anyone in your house beat you?</p>		<p>Can you create a simple sea food recipe for your family?</p> <p>Have a go at making it.</p>
--	-------------------------------------	---	--	---	--	--

Website of the Week:

<https://www.natgeokids.com/uk/>

A website full of information, activities, games and quizzes.

Reading comprehension

Layers of the Ocean

Oceans cover two-thirds of our Earth. There are five main oceans which all flow into each other: the Arctic Ocean, the Atlantic Ocean, the Indian Ocean, the Pacific Ocean and the Southern or Antarctic Ocean.



What Are the Layers of the Ocean?

Oceans are made of five layers or depths. Each layer has different characteristics, such as the temperature and the amount of light. They have unique creatures living within them.



The Sunlight Zone – up to 200m below the surface of the ocean

There is plenty of sunlight and heat in this zone although both decrease as you go deeper. There are many different living things within this layer, including:



seaweed



dolphins



fish



coral reefs

Humans enjoy this warm layer for activities such as swimming and fishing.

Layers of the Ocean

The Twilight Zone – up to 1,000m below the surface of the ocean

Only faint sunrays reach this deeper layer. No plants grow within this layer. It is home to sea animals which often have large eyes, including:

- the sea cucumber;
- the swordfish;
- the wolf eel;
- the octopus.



Humans can dive to this layer wearing protective suits.

The Midnight Zone – up to 4,000m below the surface of the ocean

The Midnight Zone is pitch-black because sunlight cannot reach this layer. Some light can be seen from creatures that make their own light, such as:

- anglerfish;
- viperfish;
- jellyfish.



Some creatures, such as the sperm whale, dive to these depths to hunt for food.

Abyss – up to 6,000m below the surface of the ocean

The sunlight cannot reach this layer at all so it is pitch-black and near freezing. Very few creatures live here but those that do are mainly transparent, blind invertebrates, such as:

- lanternfish;
- amphipod;
- squid



The Trenches – up to 11,000m below the surface of the ocean

The Trenches are narrow, underwater valleys of the ocean floor which have high pressure and near-freezing temperatures. There is no natural light in this zone but different creatures can be found, such as sea stars.

Did You Know...?

The deepest part of the ocean ever to be explored by humans is the Mariana Trench. It is almost 11,000m deep! Specialist scientific equipment had to be used.

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

- one-third
- two-thirds
- three-quarters
- half

2. Match each layer of the ocean to its depth below the surface.

Sunlight Zone	•	•	up to 11,000m
Midnight Zone	•	•	up to 4,000m
The Trenches	•	•	up to 200m

3. In the Sunlight Zone, what do humans enjoy doing? Tick **two**.

- diving
- fishing
- swimming
- warming up

4. Which of these is **not** a creature you might find in the Abyss? Tick one.

- sperm whale
- sea stars
- amphipod
- squid

5. Fill in the missing words in this sentence:

The Trenches are narrow, underwater _____ of the ocean floor which have high _____ and near _____ temperatures.

6. Give **two** examples of creatures found in the Midnight Zone.

1. _____
2. _____

7. Which layer would you most like to visit? Give **two** reasons.

Image for creative writing

Day 1



Day 2

Stranded the shipwreck lay shrouded in mist. The soft waves licked at the buckled and barnacle covered hull. A fine and handsome vessel in its day, with a sail of the finest linen, sleek, polished wood to slice through the ocean and a crew of the highest experience, proud to be aboard. Little did they know on May 14th 1902, their fate would take a turn....

SPAG activity


Year 5 Summer Term 1 SPaG Mat

2

a

Can you circle the relative pronoun in this sentence?

Kayden had a bed that looked like a treehouse.




c

Tick the sentence that uses the possessive apostrophe correctly:

The familys' holiday was now booked.

The family's holiday was now booked.

The familie's holiday was now booked.



e

Choose the correct form of the verb 'to have' to fit into these sentences. Draw a line to match each sentence to the correct verb. Use each verb only once.

Today, Darcie and Oscar _____ been learning about Greek mythology.	had
Last month, Max _____ the best time at scout cub camp.	has
Florence's guinea pig _____ the softest fur.	have

b

Can you think of a word that ends in the sound /shuhl/ that matches this definition?

not real _____

d

Tick to show whether the underlined word is being used as an adverb or an adjective.


Sentence	Adverb	Adjective
The woman looked <u>angry</u> .		

f

Mr Whoops has been juggling with the letters from one of his Y5 spelling words- can you spot what it is?

(s i t d a s)
(r s u o)

d _____ s



Maths Activities

Monday

Perfect Number

A perfect number is a number that is the sum of all its proper factors (all the factors except the number itself.)

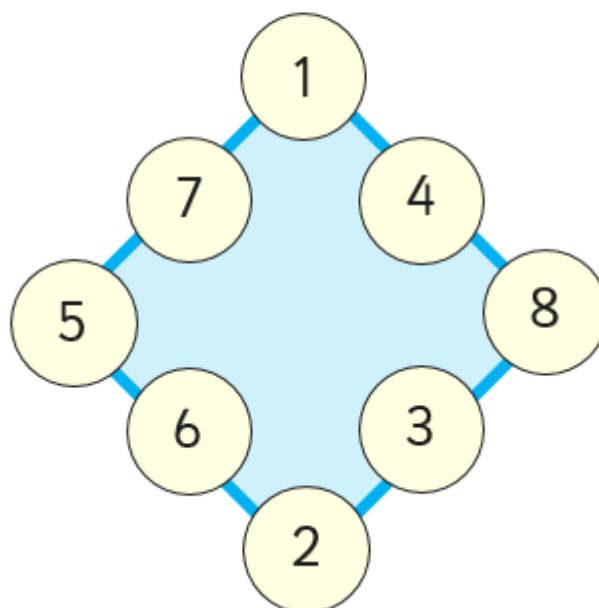
The first perfect number is 6, which is the sum of 1, 2 and 3. (The factors of 6 are 1, 2, 3 and 6, so the proper factors are 1, 2 and 3)

Can you find the next perfect number?

Tuesday

Make Thirteen

Use the numbers 1, 2, 3, 4, 5, 6, 7, 8 to make each line add up to 13. Use each number only once.



Wednesday

What Number am I?

Using these clues work out what number I am.

I am a prime number.

I only have 2 digits.

I am larger than 30.

My digital root is 8.

I do not have 5 tens.



Thursday

What Time is the Next Train?

Station/Train	SE1	SE3	SE5	SE7	TN1
Hanoi	1900	2300	1545	0615	1005
Phu Ly (Hanam)			1650	0719	1117
Nam Dinh	2036		1728	0756	1157
Ninh Binh			1803	0830	1234
Thanh Hoa	2215		1919	0940	1409
Vinh (Nghe An)	0044	0407	2210	1156	1642
Dong Hoi (Phong Nha)	0431	0749	0234	1543	2136
Dong Ha (DMZ)	0643		0451		
Hue	0757	1045	0607	1907	0131
Lang Co			0731		0306
Danang	1031	1312	0856	2141	0438
Quang Ngai	1328		1157	0035	0809
Dieu Tri	1616	1802	1457	0323	1211
Tuy Hoa (Quu Nhon)	1833		1711	0532	
Nha Trang	2028	2203	1940	0737	1646
Thap Cham	2204		2117	0911	1848
Muong Man (muine)				1141	2157
Ho Chi Minh City	0410	0500	0440	1505	0303

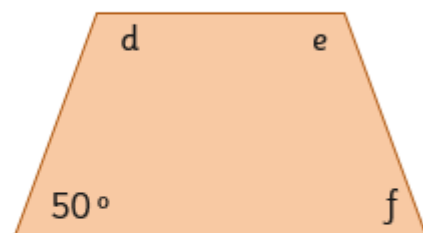
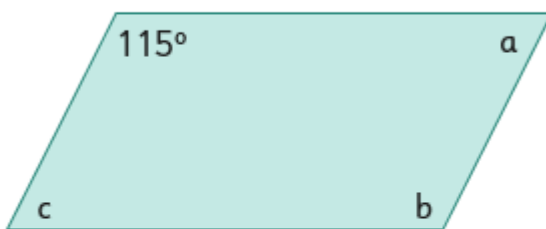
What is the fastest train from Hanoi to Ho Chi Minh City?

Write some of your own questions with the answers.

Friday

What's Missing?

Calculate the size of each angle that has a letter.



Estimate and write what the angles in this triangle could measure.



