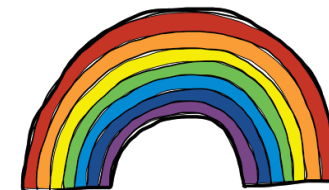


Name .....

**Rainbow Federation School Closure Home Learning Task Sheet**

**Year 6 Week 9**



☼ **Expectations – 1 Maths Task + 1 Literacy Task Each Day and 1 Topic Task per week.**

***This task overview sheet is designed to be used by parents and pupils in the event of a school closure. Tasks and activities do not need to be completed in the order that they are written. Once a task is completed write the date that it was completed underneath the task. Please return this task sheet to your child's class teacher on their return to school. If you are reading a paper version of this task sheet go to [www.brynhafodprm.co.uk](http://www.brynhafodprm.co.uk) or [www.glanyrafonprimary.com](http://www.glanyrafonprimary.com) and visit your child's class page to view this sheet electronically any hyperlinks will work and you can visit them directly.***

<b>Numeracy</b>	<b>Literacy</b>	<b>Topic</b>
<p>Pulse rate table and graph. Draw a table. You are going to measure your pulse rate during different activities. Firstly, record your pulse rate just after you wake up. Do this by counting the beat of your pulse for 1 minute. Then record your pulse rate after some gentle exercise (e.g. gentle jogging) then after some intense exercise (sprinting on the spot, fast dancing). Then record your pulse rate 2 minutes after you've finished the intense exercise. Finally, lay down and rest for 5 minutes before measuring your pulse again. Use the data from your table to draw a line graph that shows how your pulse changes.</p> <p>Date completed .....</p>	<p>You have 5 senses. Sight, hearing, touch, taste and smell. You are going to focus on hearing. Choose a place where you can sit undisturbed for 10 minutes. Close your eyes and focus on what you can hear. After 10 minutes make a list of all the things you can hear. Do this again in a different place and see what is different. Now add some description to the sounds you heard: e.g. A motorbike roared like thunder.</p> <p>Date completed .....</p>	<p><b>Home Learning Topic Task Task Overview: <u>The Human Body</u>.</b></p> <p><b>You are going to find out as much as you can about the human body. Firstly, make a list of all the parts of the body that you already know. These could be:</b></p> <p><b>organs, bones, teeth muscles, joints</b></p> <p><b>Then you will need to :</b></p> <ul style="list-style-type: none"><li><b>• Draw an outline of a human body as large as you can. If you have any large paper ask someone to draw around you!</b></li></ul>
<p>Area. On squared paper draw around your hand with your fingers spread and then draw around a foot. Decide which you think has the largest area. Carefully count the squares on both. Which has the larger area your hand or foot? Were you correct in your prediction?</p> <p>Date completed .....</p>	<p>Imagine that you can give your body a super power. For example, this could be the ability to see through things, the ability to run at the speed of sound or jump over a building, the strength in your arms to lift anything. Decide which part of your body will have the extra ability and explain why you chose it and how you would use it.</p> <p>Date completed .....</p>	

<p>Time. Look at the time on your watch, clock or phone. Practise adding and subtracting time. For example, if it is 1p.m. What time will it be in 2 hours? What time was it an hour and a quarter ago? What time will it be in 40 minutes? Practise this with more unusual times. For example, if its 2:25 now what time will it be in 45 minutes. Write down all your answers and ask an adult to see if you are right. Ask an adult to write you some questions and see how quickly you can answer them.</p> <p>Date completed .....</p>	<p>Choose an organ of the human body that you would like to know more about. The heart? The liver? The lungs? The spleen? The brain?</p> <p>Can you find out 10 facts about the organ of your choice? Can you find out how what we should do to keep this organ healthy?</p> <p>Date completed .....</p>	<ul style="list-style-type: none"> <li>• <b>Draw in any parts of the body that you know. E.g. draw the brain in your head with the skull around it.</b></li> <li>• <b>Add some details from your own research. What does the part of the body do?</b></li> <li>• <b>Design an exercise programme for a week. Try to include 2 different activities for every day.</b></li> <li>• <b>Design a healthy and unhealthy plate of food and label it. What does a balanced diet need?</b></li> <li>• <b>Ask an adult to put 5 different foods in bowls. You have to guess what they are by smell only so eyes closed!</b></li> </ul> <p><b>You can use ICT devices, phones, tablets. iPads, paper and pencil etc. Spread out the activities over the week. You can be creative in how you present this task. E.g. You could show your ideas as a PowerPoint or on paper.</b></p>
<p>Use two dice to roll 4 numbers. How many different sums can you make using those numbers? Try to use all 4 different kinds of sum (+ - X ÷) and see what you come up with. Challenge yourself to see how many different kinds of sum you can make and solve in 1 minute, 2 minutes, 5 minutes. After that, roll 4 numbers again and focus on one skill. How many different additions can you do?</p> <p>Date completed .....</p>	<p>Keep an exercise and food diary. For 1 week write down the exercise that you do inside and out. This can include helping with chores around the house! Anything that increases your heart rate! Also, write down any food you eat in the day. Don't forget to include snacks! At the end of the week write a paragraph to explain if you think you have been healthy!</p> <p>Date completed .....</p>	
<p>Co-ordinates Draw a grid using squared paper. Use the letters from A – j along the bottom and 1-10 up the side. (You can use numbers on both if you prefer and make your grid larger if you would like to!) Draw an island on your grid and mark various landmarks e.g. a waterfall, a swamp, a volcano) Add a compass. Underneath write the co-ordinates of each land mark. Decide where you want to hide some treasure. (Don't show it on the map!) Write a series of instructions for someone else to follow if they want to find it. Remember to give co-ordinates, direction and number of squares to move</p> <p>Date completed .....</p>	<p>Spelling. Choose 6 new words from your list that you have been given and write them in interesting sentences. Try to make each sentence have a different start. Underline the word that you used! Ask an adult to test you on your spelling of these words! (You can do more than 6 if you would like to!)</p> <p>Date completed .....</p>	

⚙ Expectations – 1 Maths Task + 1 Literacy Task Each Day and 1 Topic Task per week.

**Numeracy**

**Literacy**

**Topic**

*To convert units of length:*

*Using either a ruler or tape measure, measure the length of items in your house, in cm.*

*Record them in a table:*

Item	Length in cm	Length in m
Book	30cm	0.3m
Pencil	15cm	0.15m

*Then convert the lengths into metres.*

*Remember that 100cm= 1 m.*

*Ext: order the lengths from smallest to longest*

Date completed .....

*To research endangered animals:*

*Using the internet, find out about which are the top ten most endangered animals. List them in your book. Choose one of the animals and make notes about it-why is it endangered?*

Date completed .....

**Home Learning Topic Task Task Overview - Animals**

**Focussing on the endangered animal that you researched this week, choose one or more of these activities:**

**To revise perimeter:**

**Remember that perimeter is the distance all the way around the outside of a shape:**

**Perimeter of regular shapes.**

Can you work out the perimeter of these regular shapes?



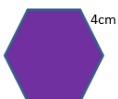
Perimeter = \_\_\_\_\_



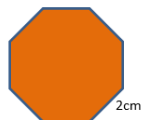
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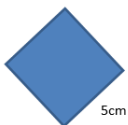
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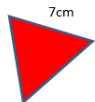
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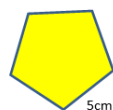
Perimeter = \_\_\_\_\_



Perimeter = \_\_\_\_\_



Perimeter = \_\_\_\_\_



Perimeter = \_\_\_\_\_

**Ext: calculate the perimeter of your TV screen.**

Date completed .....

**To make a fact file about an endangered animal:**

Using the same animal as yesterday, or choosing a new one, make a factfile about an endangered animal. Remember that a factfile needs sub headings. Include facts such as habitat, diet, how many left in the wild, life span etc

Date completed .....

- 1) Art- draw your chosen animal in its natural habitat
- 2) IT- use Scratch to code an animation/game with a theme of protecting endangered species
- 3) DT- design a board game with an endangered species conservation theme

**You can use ICT devices, phones, tablets, iPads, paper, pencil etc to complete the tasks. Spread out the activities over the week.**



**To extract data and record it appropriately:**

Use the internet to research the ten most endangered animals. Copy and complete the table:

Animal	Number left in wild

Date completed .....

**To explain the causes of global warming:**

Continued from previous session, present your information in either a booklet or on a Powerpoint. Remember to include titles, sub headings, diagrams and pictures.

Date completed .....

**To represent data in a variety of ways:**

**Use the data table from your previous lesson.**

Draw a bar chart to represent the most endangered animals  
You can do this on paper, or by using a tool on Hwb such as J2Data.

Date completed .....

**To research sustainable energy sources:**

**Burning of fossil fuels causes global warming- however there are other ways to get our energy such as tidal power.**

What other sustainable energy sources can you think of? Write sentences/ paragraphs to explain each of these.

Date completed .....

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⚙ Expectations – 1 Maths Task + 1 Literacy Task Each Day and 1 Topic Task per week.

**Numeracy****Literacy****Topic*****To convert units of length:***

Go to <https://bit.ly/3d3Zew4>

Using known multiplication fact to solve division sums. Play this game. Click the Division button, then select 'division up to 10'. How many can you answer in 1 minute? Can you beat your score?

Date completed .....

***To answer questions based on a given text.***

Read the End Plastic Pollution Text by clicking the link here - <https://bit.ly/36k0CrV>

1 star questions are the easiest and 3 star questions are hardest. Choose the set of questions most right for you. Write full sentence answers in your books. Ask an adult to check your answers at the end. Remember if you write a full sentence answer there is no need for you to write the question!

Date completed .....

***To use written methods to divide.***

Watch - <https://bbc.in/2Xj9Hx9>

Answer the following questions

<https://bit.ly/2yn0dbT> putting a remainder as part of your answer.

Date completed .....

***To be able to use apostrophes for omission.***

Watch this video - <https://bbc.in/2Xmk6bm>

Now make a list of these phrases use an apostrophe to make a word using an apostrophe for omission. Have not – Do not – will not – can not – should not – I will – he will – she will – I am – he is- she is – I have – should have – would have.

Write these words and the contraction that is made when shortened.

Date completed .....

**Home Learning Topic Task**  
**Task Overview – The Environment**

**This week we will be studying the environment and sustainable energy.**

1. Look up Environmental Artist Andy Goldsworthy <https://bit.ly/2LKcsCt> – create a piece of art inspired by his work.
2. Watch the video clip to learn more about why we should reuse and recycle plastic. <https://bbc.in/2Tr6fPM>
3. Create a Google Slide titled – Why is recycling plastic important?

**To be able to multiply and divide by 10 and 100.**

**Watch - <https://bbc.in/3bURXxk>**

Write down 10 3 digit numbers for example 652. Now multiply it by 10 and write the answer. Now multiply it by 100 and write the answer. Now do the same but divide that number by 10 and then 100, writing the answers as you go. Do this for the rest of your numbers too.

Date completed .....

**To be able to use apostrophes for possession.**

Watch the video <https://bbc.in/2Tre73Y>

Write each of these below using an apostrophe for possession correctly. Write them in your book.

The boys bike – only one boy

The boys team – more than one boy

Harrys bike was broken.

It was the teachers car that was damaged.

Billys pencil case was missing.

The crocodiles teeth were huge.

Mr Morgans team were the best by far.

The masked mens getaway car had a flat tyre.

**Now make up 6 of your own!**

Date completed .....

**To recognise the fact families for a range of number sentences.**

Watch <https://www.youtube.com/watch?v=-JFcesiUTpw> Now write fact families for the following numbers:

**240 60 4    810 90 9    320 4 80    640 80 8**  
**490 7 70    540 9 60    160 4 40    500 5 100**

Can you make up some of your own?

Date completed .....

**To write a newspaper report based on plastic.**

Watch <https://bbc.in/3gcZqeL>

Using what you have learnt, can you write your own newspaper report about Plastic Pollution in the world. Make your newspaper report as informative and interesting as you can.

Date completed .....

**To be able to divide 3 digit numbers using written methods.**

Watch - <https://bbc.in/2Xj9Hx9>

Download the Division Questions by clicking here - <http://tiny.cc/mfaipz> Write the answers in your home learning book.

Date completed .....

**To edit and refine our work to make improvements.**

Read through your newspaper report from the previous day. Identify at least 6 words you can improve and up level to make better. Ask a grown up to give you suggestions on how it could be improved eg. Presentation, spelling etc. Re -write a final copy of your work.

Date completed .....

4. Draw and label a map of the world's oceans using this link

[shorturl.at/wEFN6](http://shorturl.at/wEFN6)

5. Create a poster using ICT to encourage people to stop using plastic.

6. Can you create 'something new' using recycled plastic from around your house? Try and turn something plastic that you would throw away, into something else. For example:

- Make a rain catcher from a plastic bottle
- Make a vehicle from a plastic bottle/container?
- Make a homemade lava lamp

**You can use ICT devices, phones, tablets, iPads, paper, pencil etc to complete the tasks. Spread out the activities over the week.**

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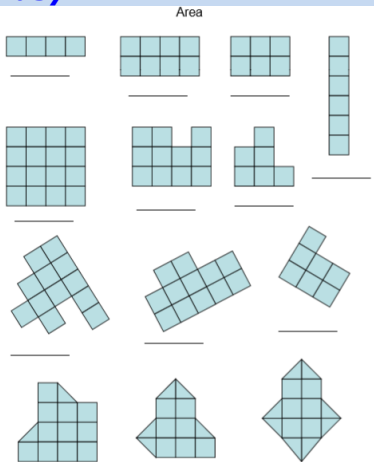
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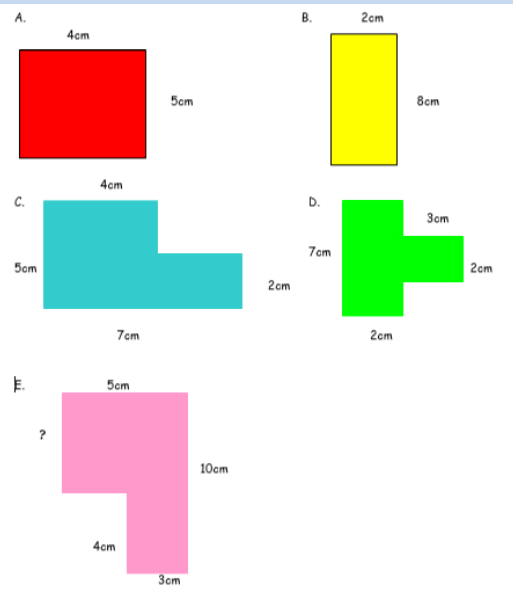
**To revise area:**

**Remember that area is the amount of space a 2D shape takes up. It can be calculated by length x width:**

**Easy:**



**Harder:**



**To explain the causes of global warming:**

**Use the internet to research global warming- what causes it and what are the problems? What can we do to slow down global warming?**

Make bullet point notes in your book, remember to use sub headings.  
There are lots of useful websites and clips to watch on Youtube.

Date completed .....

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