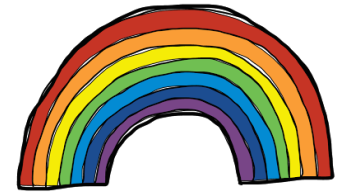


Name .....

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

**Year 6 - Week 5**



⚙ **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.glanrafaonprimary.com](http://www.glanrafaonprimary.com) and visit your child’s class page to view this sheet electronically any hyperlinks will work and you can visit them directly.***

**Numeracy**

**Literacy**

**Topic**

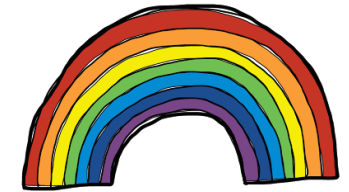
<p><b>Symmetry.</b> Divide your squared paper in half. You need to create a pattern that is completely symmetrical. You must make sure that the colours you choose are the same on both sides, you have used the same amount of squares and they are the same distance from the centre. Then try and draw shapes that are symmetrical. What will you think of? Date completed .....</p>	<p>You need to consider if you think animals should be kept in zoos. Write as many reasons as you can why zoos are a good thing e.g. that they protect endangered animals and reasons against e.g. the animals are kept in a small space. When you have decided what you think, write a short paragraph to explain which side you are on. Date completed .....</p>	<p><b><u>Home Learning Topic Task Task Overview</u></b></p> <p>You have decided to create a zoo to save endangered species. e.g. tiger panda orangutan Indian chimpanzee gorilla rhino turtle macaw ( a parrot)</p> <p><b>You will need to :</b></p> <ul style="list-style-type: none"> <li><b>Draw a map of the zoo showing where you are going to keep each animal. You want them to have space and an environment they like.</b></li> </ul>
<p><b>Perimeter.</b> Draw a rectangle or a square in your book. Make sure you use a ruler! Add all 4 sides of the shape and you will have found the perimeter! How many different ones can you make? Can you draw different shapes that have the same perimeter? Challenge an adult to find the pair that have the same perimeter! Date completed .....</p>	<p><b>Can you finish this sentence? If I were an animal I would be.....</b> After you have chosen write the reasons for your choice. E.g. I would be a horse because they can run fast and are friendly animals. You can choose any animal you like but you must explain your choice. Date completed .....</p>	

<p><b>Area.</b>  This is really like the last activity so you can use some of the shapes you've already drawn!  This time you are going to find the area. You do this by multiplying the sides.  e.g.</p> <div style="text-align: center;">  </div> <p>The area would be <math>5 \times 2 = 10\text{cm}^2</math>  Have a go!  Date completed .....</p>	<p><b>Invent an animal!</b>  Imagine you have discovered a brand new species of animal that no-one has ever seen before. Describe what it looks like, what it eats, where it likes to live etc.</p> <p>Remember! This is an animal from your own imagination so it can be whatever you like. For example, this creature may have 8 wings, 12 legs and live on banana peel and squashed baked beans.</p> <p>Date completed .....</p>	<ul style="list-style-type: none"> <li>• <b>Add paths and facilities. Where will you put the cafes? The toilets? The gift shop?</b></li> <li>• <b>Design a leaflet to persuade people to come to your zoo.</b></li> <li>• <b>Design a badge for your zoo. What animal will be the symbol for your zoo?</b></li> </ul> <div style="text-align: center;">  </div> <ul style="list-style-type: none"> <li>• <b>Draw a poster to advertise your zoo.</b></li> </ul> <p><b>You can use ICT devices, phones, tablets. iPads, paper and pencil etc. Spread out the activities over the week.</b></p> <p><b>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>Multiply and divide by 10 and 100.  Write down 10 numbers.  You are going to multiply and divide each number by 10 and 100. Give an adult the same numbers and see how fast they can do it.  Make it into a race!  Date completed .....</p>	<p>Think of an animal you know well. This could be a pet or a wild animal that you like. Draw the animal in the centre of you page and then add as many descriptive words as you can. Draw a circle around the 5 words that you think best sum up the animal.</p> <p>Date completed .....</p>	
<p>If you are lucky enough to have a garden to use go and find how many different mini-beasts you can find in part of it. Keep a tally of the creatures you have found. If you don't have a garden to use you can keep a tally of the cars that pass your window or the number of different colour socks you have. If you can think of anything else to tally that is fun do that. Then, can you create a graph using your tally chart? What would be the best kind of graph?</p> <p>Date completed .....</p>	<p><b>Spelling.</b>  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>	

Name .....

# Rainbow Federation School Closure Home Learning Task Sheet Year 6 - Week 6

## Food



<p><b>To multiply numbers:</b> Chose the level of challenge that you feel comfortable with; <b>Easy-</b> Write down 20 multiplication questions and answer them, where you are multiplying 1 digit by 1 digit e.g. 4 x6, 3x2 <b>Harder-</b> Write down 20 multiplication questions and answer them, where you are multiplying 1 digit by 2 digits e.g. 4 x16, 3x 12 <b>Hardest-</b> Write down 20 multiplication questions and answer them, where you are multiplying 1 digit by 3 digits e.g. 4 x326, 3x 567</p> <p>Date completed .....</p>	<p><b>To research the five main food groups:</b> <i>Using the internet, find out about the five main food groups and use subheadings to write examples of each e.g</i> <u>Carbohydrates</u> Pasta, rice Draw and label a food wheel of the five main food groups (examples on internet) <b>Too easy? Try this...</b> Write a description of the role each of these food groups plays in keeping the body healthy.</p> <p>Date completed .....</p>	<p><b>Home Learning Topic Task</b> <b>Task Overview</b></p> <p><b>Imagine that you work for a chocolate company. You have been asked to design a chocolate bar that will appeal to children, but also have a healthy aspect, to please parents- this could be 50% less sugar, contains one of your 5 a day etc.</b> <b>Think about the name of the project, what the logo is, what its USP (unique selling point) is. Chose some of the following tasks...</b></p> <ol style="list-style-type: none"><li>1. <b>A promotional poster for the product</b></li><li>2. <b>A PowerPoint/sway to promote your product</b></li><li>3. <b>An iMovie about your chocolate bar that could be used as an advert on TV</b></li><li>4. <b>Try producing/cooking your own version of your product.</b></li></ol> <p><b>You can use ICT devices, phones, tablets, iPads, paper, pencil etc to complete the tasks. Spread out the activities over the week.</b></p>
<p><b>To price up the cost of making the meal that you planned (in literacy)</b> Using a supermarket website such as Tesco or Asda etc, find out the prices of the items that are needed to make your meal. Keep a total for each course and then add together to make a total cost. <b>Too easy?</b> Calculate the change if you had £20 to start with. Calculate the cost if you had to feed more people, how about feeding 20 people? Date completed .....</p>	<p><b>To plan a balanced three course meal:</b> Looking at the food group which you researched yesterday, your task is to plan a three course meal which is balance and healthy.</p> <ol style="list-style-type: none"><li>1. Write down what the meal is</li><li>2. Write sentences/ paragraphs to explain what you chose and why</li></ol> <p>Date completed .....</p>	
<p><b>To understand simple proportion:</b> Find a recipe on the internet for making cupcakes. Copy the ingredients into your book. How many cakes does that make? Now double the recipe to make double the cakes, remember that each ingredient must be doubled. What about if you only want half the recipe? <b>Too easy?</b> Price up the cost of ingredients to make the cupcakes.</p>	<p><b>To write instructions for making a dish of your choice:</b> Think about a food/drink that you have made yourself- it could be as simple as a cup of tea/ toast or more complicated such as cupcakes. Write a set of instructions for your food/drink. Remember to include the following sections: Ingredients Equipment Method Handy Hint Date completed .....</p>	

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

**From your kitchen, chose about 6-8 food items that are in packaging eg cans, apples, pasta, rice etc**

Your task is to look carefully at the packets and find out what country they come from. Record the information in a table. Find out how far that country is from Wales.

Food	Where from?	Distance?

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 distance that the food has travelled.

You can do this on paper, or by using a tool on Hwb such as J2Data.

Date completed .....

**To write a persuasive letter to Cadburys explaining why they should sell your chocolate bar.**

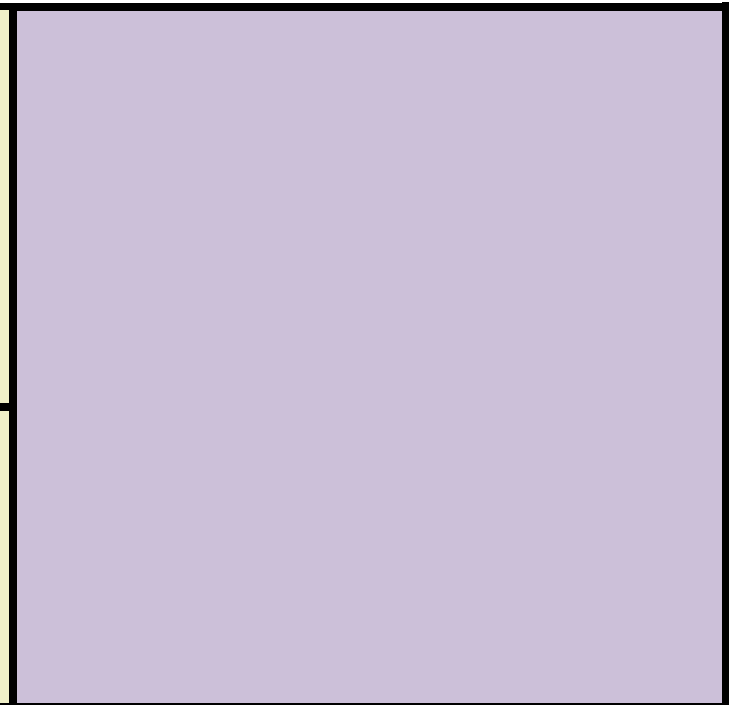
Remember to explain why your product is unique and who you think will want to buy it. Remember to use the correct layout for a letter and include persuasive language.

Date completed .....

**To edit and redraft sections of your letter:**

**Choose two sections of the letter to improve- consider sentence structures, better use of vocabulary, spellings and punctuation.**

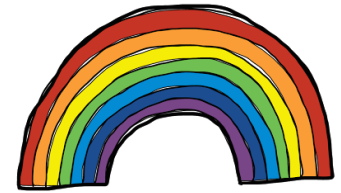
Date completed .....



Name .....

**Rainbow Federation School Closure Home Learning Task Sheet**  
**The Local Area**  
**Numeracy**

**Year 6 - Week 7**



**Literacy**

**Topic**

<p><b><u>Digits 1-9</u></b></p> <p>Write down the digits 1-9</p> <p>1,2,3,4,5,6,7,8,9</p> <p>Choose <b>5</b> numbers each time!</p> <p>Using a digit only once each time. What is the largest number you can make? The smallest number you can make? Largest multiple of 3? Largest even number? Largest odd number?</p> <p>Date completed .....</p>	<p><b><u>Word Creation</u></b></p> <p>Write down the name of your street e.g. Uphill Road or Browning Close etc.</p> <p>How many different words can you make from the letters? Make a large list of words you can make.</p> <p>Browning Close – Brown – own – on – now etc.</p> <p>How many welsh words can you make too?</p> <p>Date completed .....</p>	<p><b><u>Home Learning Topic Task</u></b></p> <p><b><u>Task Overview</u></b></p> <p><b>You have been put in charge of designing a new suburb in Cardiff between Pentwyn and Llanrumney. You get to choose the name of the area, what will be included and the organisation of houses, buildings etc,</b></p> <p><b>You will need to :</b></p> <ul style="list-style-type: none"> <li>• Draw the layout of the area and label the buildings that will be present. Include a lake, flats, houses, church, shops, school and garage.</li> <li>• Cardiff Council want a supermarket to be included in this new area. You get to decide which supermarket it will be. Write a persuasive letter to Mr Harris the town planner to convince him about the supermarket you think it should be e.g. Tesco or Asda</li> <li>• What will the school be called? Why? Design a new school logo /badge for the new school.</li> <li>• Think of 10 street names that all have a common theme that could be used for your area.</li> </ul> <p><b>You can use ICT devices, phones, tablets. iPads, paper and pencil etc. Spread out the activities over the week.</b></p> <p><b>You can be creative in how you present</b></p>
<p><b><u>Pick 4 Numbers</u></b></p> <p>Use your hundred square – pick 4 numbers that are touching e.g. next to each other, above or below etc. How many sets of 4 numbers can you find that make 100 when added together?</p> <p>Date completed .....</p>	<p><b><u>Descriptive Language</u></b></p> <p>Have a look outside your window. Observe for 5 minutes. What can you see happening? Now write a description using interesting vocabulary and imaginative language to describe the things you can see and hear.</p> <p>Date completed .....</p>	
<p><b><u>Multiplying and Dividing by 10</u></b></p> <p>Choose 20 of the numbers from your hundred square. Now multiply each number by 10 and write the answer. Then look at the 20 numbers you chose and divide them by 10. Write your decimal answers.</p> <p>Date completed .....</p>	<p><b><u>When it's all over... (Poem)</u></b></p> <p>Write a poem about the street or area you love in titled When it's all over. Write a poem that explains how wonderful it will feel to play outside or go to the park etc</p> <p>Can you include: alliteration, similes, metaphors or personification In your writing?</p> <p>Date completed .....</p>	

**Pick a Number**

Pick a number from the hundred square e.g. 87 and divide it by 10 e.g. 8.7 now add this to a number above or below the 87 e.g. 97 or 77.  $8.7 + 77 =$  write your answer. Repeat 15 times.

Date completed .....

**When it's all over... (Poem Continued....)**

Re-draft your poem can you make it better? Up level at least 3 words in your writing. Redraft the poem, include a colourful border that possibly includes pictures. Sign your poem.

Date completed .....

**this task. E.g. You could show your ideas as a PowerPoint or on paper.**



Each of these avengers are coming for tea. You have a table with 4 chairs and you are doing the cooking, How many different ways can you arrange the Avengers around your table? What are all the possibilities? Show your working out! How will you solve this problem?

Date completed .....

**Draw a table**

Think about your local area. Draw the table below and list at least 8-10 areas you think need improving. List the area, what you think needs improving and give a reason why too.

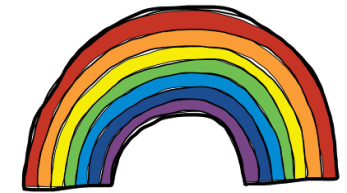
Area	What I'd improve...	Why?

Date completed .....

Name .....

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

**Year 6 - Week 8**



**Numeracy**

**Literacy**

**Topic**

<p><b><u>Factors and Prime Numbers</u></b> Choose a number from the 100 square e.g. 88 write down all the pairs of factors that make that number e.g. 1 x 88 or 2 x 44 etc</p> <p>Repeat 12 times. Write down all the factors.</p> <p>How many numbers only have 2 factors e.g. 1 x 13 ? These are known as prime numbers. How many are there?</p> <p>Date completed .....</p>	<p><b><u>Space Sentences</u></b> Look at your Y6 word list. Write a sentence using one of the words off that list about space. For instance if the word was ceremony. You might write the sentence: <i>1 When the astronaut returned from space there was a special ceremony in his honour.</i></p> <p>Date completed .....</p>	<p><b><u>Home Learning Topic Task Task Overview</u></b></p> <p><b>You are embarking on a trip to the international space station. You will be there for approximately 3 months.</b></p> <ul style="list-style-type: none"><li>• <b>Make a list of things you would like to take with you providing a valid reason why you think it would be needed.</b></li><li>• <b>Complete the following sentences at least 10 times.</b></li><li>• <b>One of the things I'd miss most on the International Space Station would be .....because..... (Repeat x 10)</b></li><li>• <b>Write a diary entry of your time on board the International Space Station.</b></li><li>• <b>On your visit you discover a new planet (not visible from Earth) It has the same living conditions as</b></li></ul>
<p><b><u>Palindromes</u></b> A palindrome is a number that is the same when it read backwards or forwards like 181 or 787. Choose 3 numbers from your hundred square add them together can you make a number that is a palindrome? Keep going how many palindromes can you make by adding 3 numbers together?</p> <p>Date completed .....</p>	<p><b><u>Space Fact File</u></b> Find out about a planet E.g. Mars and create a fact file based on that planet. Find out as much information you can and write it down under appropriate headings and subtitles. Include as much detail as you can.</p> <p>Date completed .....</p>	

<p><b><u>Always, sometimes or never?</u></b>  Choose four numbers from the hundred square that are in a square. 2,3  12,13  when you add the opposite corners what do you notice?  E.g. <math>2 + 3 = 15</math> <math>13 + 2 = 15</math> Do this with other squares. Is it always the case? Sometimes or never?  Date completed .....</p>	<p><b><u>Space Story 1</u></b>  Write an adventure story that takes place in space. Maybe on board the International space station or a shuttle. Remember to sue the 5 step process – Beginning, Development, Complication, Resolution, Ending.  Use appropriate punctuation and grammar in your writing. Can you include wow words in your writing?  Date completed .....</p>	<p><b>Earth. Imagine you went there discuss the similarities and differences – be creative.</b></p> <p><b>You can use ICT devices, phones, tablets. iPads, paper and pencil etc. Spread out the activities over the week.</b></p> <p><b>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><b><u>Make 120 Triples</u></b>  Choose 3 numbers from the hundred square to add together that make 120. How many triples that make 120 can you find? Write them all down. Show your working out.  Date completed .....</p>	<p><b><u>Space Story 2</u></b>  Continue your story from the previous day. Edit make changes. Up level at least 5 words from your story and make them better. Have you sued appropriate punctuation and grammar. Redraft a best version of the story.  Date completed .....</p>	
<p><b><u>Money Matters</u></b>  Write down 3 amounts of money e.g.  345.12  123.36  134.78  Add them together and write the answer. Use column addition. Check your answers using the inverse operation.  Date completed .....</p>	<p><b><u>Word Creation</u></b>  Pick the name of a planet e.g. Neptune. How many words can you make using the letters within that planet? E.g. net, pet, tune etc.. List all the words you can make. Can you now order them in alphabetical order?  Date completed .....</p>	

**Thank you for completing the School Closure Home Learning Task Sheet – Your support is very much appreciated.**

**Please return this sheet to your child’s class teacher on return to school. Diolch yn fawr!**