

## Year 4 Weekly Homework – Week 10

### Topic – The Rainforest

If you are not currently connected to Class Dojo and would like your connection details, please send an email to [admin@simonside.newcastle.sch.uk](mailto:admin@simonside.newcastle.sch.uk) and we will get you connected.

#### Challenge 1 (Geography)

The rainforest is made up of 4 different layers and many different animals live within the layers. Make a note of some of the different types of animals living in the rainforest.

Choose one of the Rainforest animals and create a **fact file** that presents a range of information about them. For example, think about what the diet of the animal is. How do they hunt for their prey or hide from predators? Which rainforests/countries are they found in?



#### Challenge 2 (Art)

Henri Roussau was a French painter from the 19<sup>th</sup> Century who created many paintings inspired by jungles and rainforests, although he never actually visited one!

[Research this famous artist](#) and look at some of the paintings he created that were set within a jungle.

Create a jungle/rainforest piece of artwork in his style.  
You could draw, paint or even create a collage!



#### Challenge 3 (PE)

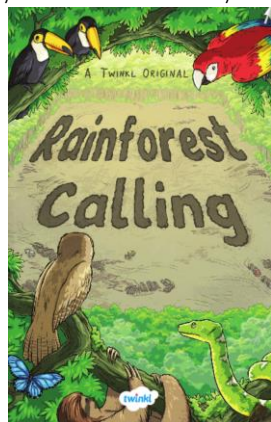
Try this forest themed GoNoodle to the soundtrack of Katy Perry's song 'Roar'! Once you have completed, you could try making up your own rainforest-themed routine to the same song – for example you could interpret being a different animal for each dance move! This will help work towards your 2 hours of exercise a week.

<https://family.gonoodle.com/activities/roar>



#### Challenge 4 (English)

Read this fiction text set in the Amazon rainforest. **The text is uploaded on the website.** There are 3 different levels of challenge to try, choose the level you feel is the best for you.



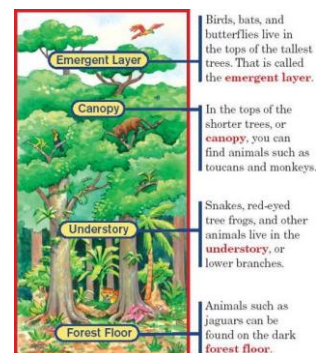
**Key tips!!**  
**Answering the questions**

- ✓ Work out if the question is **literal**, **inference** or **evaluation**.
  - Should the answer be 'right there'?
  - Will you have to think and search for clues?
  - Will you need to use your own personal experiences that the author would agree with?
- ✓ Use evidence from the text to explain how you know the answer is correct. Quotes provide direct, concise evidence and prevent waffle!

#### Challenge 5 (Geography)

Read about the 4 layers of the rainforest. Create a diagram showing the layers of the rainforest and the animals you can find in each layer. Next, describe what the 'micro climate' is like in each layer and if plants grow there/how tall they grow.

For example: In the Emergent layer trees can be up to 60m tall, they are usually broad-leaved, evergreen hardwood trees. There is a lot of sunlight here but it is also very cold and windy. Many birds, monkeys, bats and butterflies live here.



#### Challenge 6 (Maths)

Using some Smarties or Skittles, answer these fractions questions.



1. What fraction of the sweets are red?
2. What fraction of the sweets are yellow?
3. Separate your sweets into quarters (four equal parts) how many smarties are there in  $\frac{3}{4}$  of a pack?
4. Get 18 of your sweets together, take  $\frac{1}{3}$  aside. How many do you have?
5. Find  $\frac{1}{3}$  of 21 sweets. How many are left over?
6. Now find  $\frac{3}{5}$  of 20 sweets, how many sweets do you have altogether?
7. Find  $\frac{3}{4}$  of 16 sweets. How many do you have and how many are left?



### Challenge 7 (Maths)

Each **pair of blocks** totals the **block above them**. Use addition and subtraction to fill in the missing fractions and complete the steps.

1. 

$\frac{6}{12}$	$\frac{2}{12}$	$\frac{1}{12}$

2. 

$\frac{7}{7}$		
	$\frac{1}{7}$	$\frac{4}{7}$

3. 

1		
$\frac{4}{6}$		
$\frac{3}{6}$		

4. 

$\frac{4}{5}$		
	$\frac{1}{5}$	0

5. 

$\frac{7}{8}$		
	$\frac{4}{8}$	$\frac{2}{8}$

6. 

$\frac{22}{10}$		
	$\frac{12}{10}$	
$\frac{6}{10}$		

7. 

	$\frac{10}{9}$		
	$\frac{5}{9}$		
$\frac{4}{9}$		$\frac{3}{9}$	

8. 

$\frac{16}{5}$		
	$\frac{3}{5}$	
	$\frac{1}{5}$	$\frac{3}{5}$

9. 

$\frac{12}{8}$			
	$\frac{5}{8}$	$\frac{6}{8}$	
$\frac{3}{8}$			

### Challenge 8 (English)

Sadly, deforestation is taking place in rainforests around the world. Trees are cut down on an enormous scale, often to create space for grazing livestock or buildings. As part of this process, animal habitats are being destroyed and precious trees that help to reduce the effects of climate change are removed.

Research the **impact of deforestation** and **create an awareness leaflet that highlights these effects**. Think about possible solutions to these challenges (e.g. using less paper, using recycled products, only buy sustainable wood products) and include them in your leaflet.



<https://www.bbc.co.uk/teach/class-clips-video/science-ks1-ks2-ivys-plant-workshop-the-impact-deforestation-has-on-plants/zd34hbk>

### Challenge 9 (Geography)

There are millions of people living in the rainforests of the world. These tribal people live a traditional way of life that has stayed relatively unchanged for hundreds of years. These tribes understand the rainforest and live in harmony with it.

Research facts about the Rainforest tribes then **sort these statements into whether they are about 'modern society' or 'Rainforest tribes'**.

<https://kids.kiddle.co/Yanomami#:~:text=The%20Yanomami%20is%20a%20local,also%20called%20Yanomamo%20and%20Yanam.>

1. I wear jeans and T-shirts with shoes or boots.
2. I cook my food in a gas or electric oven.
3. I use a blowpipe or bows and arrows to hunt prey.
4. I go to a doctor or hospital when I am ill.
5. I cook all of my food on an open fire.
6. I usually wear loin cloths and have bare feet.
7. I have lots of electrical gadgets like mobile phones.
8. I celebrate special occasions with dancing and drums and by decorating my face and body with paint.
9. I get most of my food from the supermarket.
10. I know how to use plants as medicine to cure diseases and make me feel better when I am ill

Remember:

- Weekly spellings are also posted on the school website.
- Keep practising your times tables using Times Table Rockstars.
- Find a book you enjoy reading on Bug Club or at home. Can you read a paragraph out loud with expression to your grown up?