

## Learning Project Summer 2 Week 3 – Rainforest

Age Range: Y3

Hello Year 3. This week we put on our hats, lace up our walking boots and apply plenty of mosquito spray as we go trekking through the Rainforest.

We know they are a place of incredible beauty, an enormous range of plants and animals and, unfortunately, disappearing at a rapid rate.

One of the all time great naturalists (someone who studies animal and plant life), David Attenborough, has done some incredible programmes all about the jungles (rainforests) of the world. You can check out one of these following the link below.

<https://www.bbc.co.uk/iplayer/episode/b0074tgb/planet-earth-8-jungles>

Rainforest Alliance is an organisation that is dedicated to try and protect this natural resource along with the lives of the people who live in and around it. They have a range of resources you may also wish to explore by following the link below.

<https://www.rainforest-alliance.org/kids>

### Science Fun

#### Straw Oboes

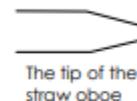
This is a noisy, amusing demonstration of the physics of music. It can take a bit of practice to get exactly right, but it's well worth the effort.

#### **Ingredients**

- straws (need to be straight – cut off the bendy bits if there are any)
- scissors

#### **Instructions**

1. Flatten one end of the straw ~2cm from the end to the tip.
2. Make two cuts in the now flattened end of the straw, to form a triangular tip.
3. Insert the triangular tip of the straw into your mouth and blow hard. You should hear a loud 'buzzing' sound.
4. While blowing on the straw oboe, get a volunteer to cut the straw shorter, ~1 cm at a time. With each cut you will hear the pitch of the oboe sound go up.



#### **How does it work?**

The flattened triangular tip acts like the reed found in most wind instruments. Blowing on the reed causes the straw to vibrate. A standing wave pattern is created along the length of the straw, which we hear as sound. As you shorten the straw you shorten the wavelength of the standing wave pattern and therefore increase the pitch of the note.

This link will take you to a download of 14 daily science and technology activities that you might like to try at home <https://littlebinsforlittlehands.com/fun-activities-for-kids/>. The website itself is packed with great ideas for inquisitive young minds.

## Weekly Maths Tasks (Aim to do 1 per day)

- NRICH is an excellent resource for the teaching of maths. The link below goes to a page that has lots of problem solving activities that will challenge and help your child to learn to solve problems systematically: <https://nrich.maths.org/14580>
- Follow the link below for daily maths lessons by White Rose, a resource that we use for planning in school. Please just be aware that topics may come up that we have not yet taught and that some children may need to go to previous year groups for more appropriate work. If you have been working through each school week and have taken a week for half term, you would be picking up at week 9. <https://whiterosemaths.com/homelearning/>  
Worksheets are attached to this letter.
- What about trying the Friday Maths Challenge created by White Rose and BBC Bitesize. The sheet is also attached.
- BBC Bitesize has a daily maths lesson, in conjunction with White Rose. There is a clear link for each year group. Again, you may find it necessary and valuable to work from earlier years. <https://www.bbc.co.uk/bitesize/dailylessons>
- Please continue to practise Times Tables on [TTRS](#), completing regular sound checks so that we can see how you are doing.
- Of course, [My Maths](#) is also an excellent resource – It might be a good opportunity now to go back over some of the strategies we've been using in Year 3. This week, think about revisiting Column Addition. Some examples are set out below. Remember to start in the Ones (O) column first. To create the numbers you could roll a dice or use a number spinner, or any other random way of creating numbers (there are even apps that can do this for you).

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## Weekly Reading Tasks (Aim to do 1 per day)

- Can your child create a rainforest canopy to curl up with a book under? This could be made from paper, bed sheets or anything else that's suitable.
- Listen to a wonderful rainforest based story on Youtube. The Great Kapok Tree by Lynne Cherry is a great story that is definitely recommended. The link is below. <https://www.youtube.com/watch?v=J1Teb-jTyl>
- Ask your child to find a recipe involving chocolate and encourage them to make it. They can learn about where chocolate derives by following the link below.

<https://safeyoutube.net/w/ZRw6>

- Ask your child to read food labels and identify any foods in the kitchen that contain: bananas, cocoa, chocolate, cinnamon or black pepper.
- <https://www.studentuk.com/> is a website that has lots of free reading material, organised by age suitability.
- Renaissance Learning, who produce AR, has made access to their digital books free during the lockdown. Below is a link. It's not full access to the myon experience - pupils won't have a record of what they have been reading linked to their AR accounts and they can't quiz directly from the myon site but it does offer more free ebooks to read.  
<https://readon.myon.co.uk/>
- Listen to your child read and let them discuss what they have read. Encourage them to read with expression and intonation. **If the book is in the AR system, you can quiz using this link**  
<https://ukhosted34.renlearn.co.uk/2245929/default.aspx>. Not sure if the book has a quiz? Check on <https://www.arbookfind.co.uk/default.aspx>
- Curriculum Visions is an excellent online resource, with books about a wide range of topics and reading comprehensions available to try. There are bound to be books relating to this week's Rainforest topic. Login with  
**Username: Havelock/0001**  
**Password: jungle**
- Our website contains links to other useful websites at  
<https://www.havelockschools.org.uk/index.php/curriculum/links>

Weekly Spelling Tasks (Aim to do 1 per day)	Weekly Writing Tasks (Aim to do 1 per day)
<ul style="list-style-type: none"><li>• Learning about rainforests often means learning new words that are specific to the rainforest – these are known as technical language. Below are a few technical words relating to rainforests. Photosynthesis Leaf canopy Understory layer Canopy layer Emergent layer Deforestation Use a dictionary, physical or online, and find out what these words mean. As an extra challenge, put them into a sentence.</li><li>• Twinkl has a great Rainforest wordsearch, which covers some of the words above plus extra technical language. Follow the link below. <a href="https://www.twinkl.co.uk/resource/cfe2-t-2545378-rainforest-word-search">https://www.twinkl.co.uk/resource/cfe2-t-2545378-rainforest-word-search</a></li><li>• Practise the Year 3/4 Common Exception words or spelling rules for Year Year 3/4 . Can your child include some of these words in their writing tasks?</li></ul>	<ul style="list-style-type: none"><li>• Visit the Literacy Shed for this wonderful resource on The Alchemist's Letter. To begin, try and complete the task 'Keep Your Eyes Open' and the comic strip task or write an acrostic poem using the letters : R A I N F O R E S T . <a href="https://www.literacyshedplus.com/en-gb/resource/the-chemist-s-letter-ks2-activity-pack">https://www.literacyshedplus.com/en-gb/resource/the-chemist-s-letter-ks2-activity-pack</a></li><li>• Ask your child to research how humans are destroying the rainforest. Get them to write an information report about this. Can they include maps that demonstrate how large the rainforests were compared to now? Include an introduction, 3 or 4 ways that rainforests are being destroyed and a conclusion.</li><li>• Your child can look at images of the rainforest then write a setting description. Encourage them to start at the top of the image and work down.</li><li>• Task your child with writing a 'Defeating the Monster' tale. The monster could be a rainforest predator such as a crocodile or boa constrictor.</li><li>• Your child could create their own tourist leaflet about rainforests. What could a tourist expect to see and do? How should they dress and</li></ul>

what should they bring? Ask them to include illustrations of unusual living things!

- You will find Talk for Writing sessions at the link below, which you and your child might enjoy. <https://www.talk4writing.co.uk/covid-19/>
- You can take part in a daily, structured writing session with Jane Considine on You Tube using her sentence stacking approach that we have used in school so your your children will be familiar with. <https://www.youtube.com/watch?v=nMVpipnXrDc>

### Learning Project - to be done throughout the week

The project this week aims to provide opportunities for your child to learn more about the world's rainforests. Learning may focus on the plants, animals and insects that inhabit the rainforest, food that originates there and weather patterns. It could look at plants and animals that can be found in the garden too.

- **Amazing Animals-**

Ask your child to think about the following: How many different types of animals live in rainforests? Can they name any? What is their diet like? How do they hunt for their prey or hide from predators? Look at these 11 amazing rainforest animals <https://www.rainforest-alliance.org/articles/11-amazing-rainforest-animals>. Encourage your child to choose one of the animals and create a poster all about them.

- **Layers of the Rainforest –**

Take a look at this information with your child [https://www.rainforest-alliance.org/sites/default/files/2016-10/rainforest\\_layers.pdf](https://www.rainforest-alliance.org/sites/default/files/2016-10/rainforest_layers.pdf), all about the layers of the rainforest. Ask your child to try creating their own diagram showing the layers of the rainforest and the animals you can find in each layer. Your child could cut and stick pictures, paint or draw! Can your child categorise the animals?

- **Roar –**

Have a go at this forest themed GoNoodle! Finished? Ask your child to try making up their own rainforest-themed dance routine to the same song - they could pretend to be a different animal for each dance move! Recommendation at least 2 hours of exercise a week. The link is below. <https://family.gonoodle.com/activities/roar>

- **One Step at a Time –**

Talk to family members about the deforestation of rainforests and think about how we could help by taking small steps at home. This article should help get them started! <https://www.rainforest-alliance.org/articles/10-ways-kids-can-save-the-rainforest> Can your child record their very own advert encouraging people to reduce, reuse, recycle? Encourage them to think about the impact on the environment, animals and their habitats, global warming and the tribes that occupy the rainforests. Alternatively, they could write a jingle about the benefits of recycling and perform this to the family. Share these at #TheLearningProjects

- **The Problem with Palm Oil –**

Take a look at the Greenpeace website (<https://www.greenpeace.org.uk/challenges/palm-oil/>) and find out about the effects of palm oil on our planet. Discuss with your child how this affects animals around the world. Ask your child to identify all of the foods in the kitchen that contain palm oil. Can

they suggest alternatives for your next shop?

Task your child with planning an imaginary charity event to raise funds for The Orangutan Foundation <https://www.orangutan.org.uk/>.

- **French** This week ask your child to look at animals. Click on this Twinkl resource page <https://www.twinkl.co.uk/resource/t2-l-340-french-animals-match-and-say-activity-sheet> for a range of activities that can be completed at different levels depending on you and your child's confidence with French.
- **Computing** This week, if your child has access to a laptop or desktop PC, ask them to create a PowerPoint about what they have learned about Rainforests. If they have access to a tablet or iPad they could create a poster about the rainforest using apps such as Poster Maker or a drawing app. However, if they enjoy programming, continue using the Scratch online platform. They could create a jungle background and introduce animals, getting them to move within their different habitat layers. <https://scratch.mit.edu/ideas>
- **RE:** Multi-Faith and Belief Room is a KS2 project children can undertake from home. Pupils design a multi-faith and belief room for an airport being built in your locality, they will endeavour to plan, research and collate the information. The resource is flexible and pupil led and contains enough activities and information to keep pupils occupied for the summer term. <https://simplycollectiveworship.co.uk/wp-content/uploads/2020/04/RE-Project-Learning-Resource-Multi-Faith-And-Belief-Room.pdf>

#### Additional learning resources parents may wish to engage with

[Classroom Secrets Learning Packs](#) - These packs are split into different year groups and include activities linked to reading, writing, maths and practical ideas you can do around the home.

[Twinkl](#) - to access these resources click on the link and sign up using your own email address and creating your own password. Use the offer code UKTWINKLHELPS.

[Headteacherchat](#) - This is a blog that has links to various learning platforms. Lots of these are free to access. If you are on Twitter and a fan of [Taskmaster](#), search for [#hometasking](#). Alex Horne is setting new tasks every couple of days that might be fun to get involved with.

#TheLearningProjects