

Learning Project - The Rainforest compared to other biomes

Age Range: Y3/4

Weekly Reading Tasks	Weekly Spelling Tasks
<p>Monday- What are biomes? Task your child to use the internet to research what biomes are. There are many great websites to be explored by your child including ducksters.</p>	<p>Monday- Ask your child to mind map words associated with tundras. They can then put these words into alphabetical order.</p>
<p>Tuesday- Select one of the following biomes to research and record facts about online: tropical rainforests, temperate forests, deserts, tundra, woodlands, grasslands and savanna. Create a quiz about your chosen biome using the facts that you've read.</p>	<p>Tuesday- Practise spelling these words: young, touch, double, trouble, country. Can your child identify the spelling rule? The 'u' sound spelt 'ou'.</p>
<p>Wednesday- Ask your child to find a recipe involving chocolate and encourage them to make it. They can learn about where chocolate derives here.</p>	<p>Wednesday- Your child could be a Crystal Explorer and improve their spelling. Can they list synonyms (words with the same meanings) for practised words?</p>
<p>Thursday- Ask your child to research an animal from their favourite biome. What does that animal eat? How does it survive in its habitat?</p>	<p>Thursday- Picture this. Choose 5 Common Exception words and draw a picture to represent each word, write the word underneath and use it in a sentence.</p>
<p>Friday- Visit Authorfy.com and register for free. Your child can listen to Katherine Rundell's masterclass on her book The Explorer, based in the Amazon rainforest.</p>	<p>Friday- Choose 10 new topic words related to their favorite biome and learn to spell them. Write the definitions to form a rainforest glossary.</p>
Weekly Writing Tasks	Weekly Maths Tasks- Fractions
<p>Monday- Explore a desert biome using youtube. What colours could be seen? What animals could be seen? What sort of plant life was seen? write an acrostic poem using the letters: D E S E R T. Extension: Research a species of plant that could be found in a desert biome and create a fact file. What colour is it? What is the texture of its foliage? How does it survive in the desert?</p>	<p>Monday- Ask your child to draw your own fraction wall and then use this to find equivalent fractions. This will support them over the week.</p>
<p>Tuesday- 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.</p>	<p>Tuesday- Get your child some skittles, smarties or different coloured sweets. Empty them out onto a plate and write down what fraction are red, what fraction are yellow, etc. The denominator is the total number of sweets and the numerators are the different colours. You could use coloured buttons, Lego, fruit etc.</p>
<p>Wednesday- Your child can look at images of the arctic tundra then write a setting description.</p>	<p>Wednesday- Get a square piece of paper or a post-it note and ask your child to investigate how many ways they can make $\frac{1}{4}$, $\frac{1}{2}$, $\frac{1}{3}$ etc.</p>
<p>Thursday- Task your child with writing a 'Defeating the Monster' tale. The monster could be a predator in their chosen biome, such as a crocodile, bear or wild dog.</p>	<p>Thursday- Ask your child to practise adding and subtracting fractions on this game. Then play this rainforest coordinates game (theme).</p>

Friday- Your child could create their own tourist leaflet about their favourite biome. What could a tourist expect to see and do? How should they dress and what should they bring? Ask them to include illustrations of unusual living things!

Friday (theme)- Encourage your child to research and compare temperatures and rainfall in the Amazon Rainforest and the UK month on month. Can they display their findings in a bar chart or table?

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.

- **Exciting Ecologists** - Ask your child to think about the following: How many different types of animals live in their favourite biome? Can they name any? What is their diet like? How do they hunt for their prey or hide from predators? Encourage your child to choose one of the animals and create a poster all about them.
- **Dangerous Deserts** - Take a look at [this](#) information with your child, all about the desert. Ask your child to try creating their own desert survival presentation showing how to survive in the desert. Your child could create a poster, prepare a leaflet or even record a short video explaining how to survive in the rainforest.
- **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.**
- **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! 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 Bear Necessities** - Bears are a large family and many bears live in different biomes, research the following bears: Polar bears, brown bears, moon bear and the andean bear. Create [TopTrump](#) cards about these bears. Ask your child to extend their learning by creating TopTrump cards of other animals in different biomes. Play TopTrumps with your child using the cards they created.

STEM Learning Opportunities #sciencefromhome

Rainforest Resources

- Watch [this](#) video.
- The rainforest is made up of several layers, forest floor, shrub layer, canopy and emergent trees. Look at the Sumatra animal cards [here](#). Where in the forest do you think each of these animals live?

Additional learning resources parents may wish to engage with

- [BBC Bitesize](#) - Lots of videos and learning opportunities for all subjects.
- [Classroom Secrets Learning Packs](#) - Reading, writing and maths activities for different ages.
- [Twinkl](#) - Click on the link and sign up using your email address and creating a password. Use the offer code UKTWINKLHELPS.
- [White Rose Maths](#) online maths lessons. Watch a lesson video and complete the worksheet (can be downloaded and completed digitally).

- [Times Table Rockstars](#) and [Numbots](#). Your child can access both of these programmes with their school logins. On Times Table Rockstars, children should aim to play Soundcheck for 20 minutes daily.
- IXL online. Click here for [Year 3](#) or here for [Year 4](#). There are interactive games to play and guides for parents.
- [Mastery Mathematics Learning Packs](#). Take a look at the mastery mathematics home learning packs with a range of different activities and lessons.
- [Y3 Talk for Writing Home-school Booklets](#) and [Y4](#) are an excellent resource to support your child's speaking and listening, reading and writing skills.

The Learning Projects are based on the **National Curriculum expectations** for the key stage which your child is in. It may be that your child finds the tasks set within the Learning Project for their year group too simple. If this is the case, then we suggest that your child accesses the Learning Projects which are set for the key stage above. Equally, if the projects are too challenging, then we advise that your child accesses the projects for the key stage below.

If your child requires more of a challenge, or you believe that there are some gaps in their learning then [Century Tech](#) is a fantastic resource that is currently free for home learning. The app is designed to address gaps and misconceptions, provide challenge and enables children to retain new knowledge. It uses artificial intelligence to tailor the learning to your child's needs. Sign up [here](#).

#TheLearningProjects