Rainforests and Climate

Use this website to help you throughout the project – section on rainforests and weather https://www.3dgeography.co.uk/				
Using the world map, locate and label Tropics of Capricorn and Cancer and label all the continents and the UK. Record all world's rainforests. http://www.srl.caltech.edu/personnel/krubal/rainforest/serve_home.html	Research the four layers of rainforest. Make a drawing and write about each section, explaining what you will find in each layer.	Research the weather and climate of the rainforests and write at least five facts. Create a chart showing the average rainfall in rainforests of the world.	Make your own diorama. (See sheet attached). https://www.3dgeography.co.uk/rainforest-dioramas	Create a fact file about your favourite animal. Include information about its: habitat, appearance, diet and any fascinating facts. https://www.rainforest-alliance.org/species?page=o
Complete the Action Aid deforestation activity (see sheets attached). After this, find out why and the reasons that deforestation is bad for the planet. In your own words, explain why. https://www.3dgeography.co.uk/deforestation https://www.activewild.com/what-is-deforestation-for-kids-information-and-facts/	Look at the list of ingredients packaging from foodstuffs. Products that are likely to include palm oil include bread, crisps, chocolate bars, margarine and ice cream. (See list of palm oil names)	Look online at different tribes' headdresses. Why do you think they wear these and paint their faces and bodies? Design and make your own headdress - us the traditional patterns and explain what the pattern means.	You are stranded in the rainforest, hungry, no shelter and some of your group are ill. Can the plants of the rainforest help you?	Make a rainforest survival guide. Include a kit list, dangerous animals to watch out for, health and safety instructions and a diagram of how to build a shelter (with labels).
Look at images of mola art created by the Kuna Indians in Panama Rainforest. The mola is part of women's traditional dress, the front and back panels in their blouses. Make coloured paper or card versions of Mola art from Panama. https://www.youtube.com/watch?v=SBWJMLitF1w https://www.deepspacesparkle.com/paper-cut-molas/	The religion of many Amazon tribes is Animism They believe that the forest is composed of spirit life as well as plant and animal life. Every tree, vine, shrub and flower has an animal spirit within. Find out about the religion. Can you find some similarities and differences to Christianity?	Find out about products which come from the rainforest. Identify what they are used for and who uses them. Which of these products do you use in your home? How far have these products had to travel for you to use them?	Find out about rainforest plants that are used as medicine by the tribes but also by us in the Western World. Record in a medicine catalogue.	Find out and write out some interesting facts about the Amazon rainforest. https://www.scienceforkidsclub.com/rainforest-plants-information.html https://www.dkfindout.com/uk/animals-and-nature/habitats-and-ecosystems/amazon-rainforest/

Rubber and latex come from a milky white substance that many rainforest plants and trees produce when cut. Native inhabitants use it for waterproofing and medicinal purposes. Using science skills, make your own rubber balls. **Wear rubber gloves as borax is a skin irritant.** https://www.youtube.com/watch?v=-Hfl46jYVtg	Chocolate is made from the seeds of the Theobrama Cacao tree, which grows in rainforests. Find out about the history of chocolate. https://www.bbc.co.uk/bitesize/articles/zngsqp3 What is the most fascinating fact that you found? What surprised you the most?	How is chocolate made? Find out all about it. https://www.youtube.com/watch?v=ZtMfiWDQHT8 In the attached flowchart, put the events in order and write a short explanation for each.	Choose a rainforest tribe to research and create a fact file about them. Think about things like location, population, food that they eat, schooling, work, clothing, language, etc.	Find out about the artist Henri Rousseau https://www.rawpixel.com/board/1054552/henri-rousseau-original-public-domain-paintings Paint a picture of the rainforest in the style of Rousseau.