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| **Session 2 Where in the world and why are they there?** |
| National Curriculum | **Geography:** To locate vegetation belts around the world; To identify the position and significance of latitude, longitude, Equator; To use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied. |
| Teaching Objectives | To locate the rainforests and to explore the relationship of them with the Equator. |
| National Curriculum | **D&T:** To generate, develop, model and communicate their ideas through discussion, annotated sketches and pattern pieces; To select from and use a wider range of tools and equipment to perform practical tasks. |
| Teaching Objectives | To use salt dough to create a continent map showing topography, rainforests and major rivers and cities. |
| ResourcesRainforest presentation; Salt dough recipe; Salt dough map resource; Large globe; Atlases; Flour; Salt; Tap water; Base boards; Clay tools; Paint; Cocktail sticks; Paper flags. | Weblinks [www.lisareek.com](http://www.lisareek.com) - (facts about world rainforests); <http://www.factmonster.com/ipka/A0769052.html> - information about biomes; <http://primaryhomeworkhelp.co.uk/rainforest.html> – rainforest information; <http://www.chesterzoo.org/> - Chester Zoo website.  |
| Whole class: **Need to allow drying time!**Recap on the last session and what the chn know so far about rainforests, using the Rainforest presentation, first slide. This may encourage some to mention key rainforests and their location. There are two types of rainforest: temperate and tropical. We are going to be focusing on those that are tropical. Show slide 2. (Temperate rainforests lie in the temperate zones; either of two **regions** of the Earth of intermediate latitude, the North Temperate Zone, between the Arctic Circle and the Tropic of Cancer, or the South Temperate Zone, between the Antarctic Circle and the Tropic of Capricorn). Tropical rainforests lie in the tropics (The part of the Earth's surface between the Tropic of Cancer and the Tropic of Capricorn; characterized by a hot climate). Demonstrate tropic and equator locations on a large globe ensuring chn appreciate they are imaginary lines. They should identify the continents and the countries too. Explain that tropical rainforests grow mainly in equatorial regions because temperatures are always warm, show how the equator runs at the globe’s widest spherical point and therefore closest to the sun. Due to warmer temperatures there is also more evaporation from the land and water that leads to an increase in rainfall. Then show slides 3 and 4 to locate world tropical rainforests on a world map. Give chn time to use atlases to locate the rainforests. They should then transfer the main locations onto the world map resource. Explain that they are going to create a physical map of one of the continents where rainforests are located to show the landscape, cities, rivers and rainforests. The 4 continents where there are major tropical rainforest regions are: South America, Africa, Asia and Australasia. Their maps will be made from salt dough so will show rainforests, mountains and valleys in relief (3D) and be labelled. Show the pictures of how the map will be made, resource 3. (The maps can have more information added as the topic progresses, e.g. animal and plant life, names of major rivers. They will also be used as part of the documentary planning in session 3).  |
| Hard/ Medium/ Easy Chn use atlases to locate the continents and countries from the presentation in more detail. Transfer the location of the forests onto a world map, annotating the map with major cities, seas and the name of the country. Create salt dough continent maps. Use atlases or a good image to help. (Allow drying time before painting and labelling.) |
| Plenary | Once maps are ready ask the chn to walk around to look at each so that the group who worked on each map can explain where it is along with any key features of their continent (rainforest, countries, rivers, main cities, mountain regions).  |
| Outcomes | Children will* Develop geographical knowledge and vocabulary linked to rainforests
* Locate main world tropical rainforest regions
* Create a relief map showing world rainforests
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