

# The Rainforest

Geography

Year 3/4

Lesson 3 of 5

<b>Learning Objective</b>		<b>Resources</b>
To investigate the climate of the rainforest.		Slides Worksheet 3A/3B/3C/3D/3E Challenge Cards (FSD? activity only) Coloured paper, art materials, etc. (FSD? activity only)
<b>Teaching Input</b>		
<ul style="list-style-type: none"> <li>• What does the word 'climate' mean? Children to think, pair, share their ideas then go through the explanation on the slides.</li> <li>• What is the climate like where we live? Discuss ideas as a class, including the differences in seasons.</li> <li>• Explain that the climate in a tropical rainforest is hot and humid. Although there are seasons, they are different from ours as the temperature does not change very much. The amount of rainfall does change with the seasons. Show children the line graph on the slides showing the average monthly temperatures for Manaus, Brazil. How much does the temperature change? Discuss observations together.</li> <li>• Next, show the bar graph showing the average monthly rainfall for Manaus. What is this graph showing? Children to discuss ideas then go through the questions on the slides.</li> <li>• Even though the amount of rain changes throughout the year, there is usually rain everyday in the rainforest even though there is less in the dry season. Why do you think this is? Invite children to share their ideas. Go through the information about the water cycle on the slides and explain the importance of the rainforests in providing water.</li> </ul>		
<b>Main Activity</b>		
<u>Lower ability:</u> On worksheet 3A, children to use the two graphs (rainfall and temperature) to answer the questions about the climate in the rainforest.	<u>Middle ability:</u> On worksheet 3B, children to use complete the two graphs showing temperature (line graph) and rainfall (bar graph) in the tropical rainforest. Children to then use their graphs to answer questions about the climate in the rainforest on worksheet 3C.	<u>Higher ability:</u> On worksheet 3D, children to use the data to create a line graph to compare the temperature in the rainforest and in London. and answer the questions. Children to do the same thing on worksheet 3E but this time use a bar graph to show rainfall. EXTEND - challenge children to use the internet to find out about other climates around the world to compare with the rainforest.
<b>Fancy something different...?</b>		
<ul style="list-style-type: none"> <li>• In small groups, challenge children to create a poster to show the water cycle in the rainforest. Give each group a copy of the Challenge Card with the key terms they will need to label their poster. Children may need information books or dictionaries to remind them what some of the words mean.</li> <li>• When finished, each group to present their poster to the rest of the class or to another group. Have they included everything they need to include?</li> </ul>		
<b>Plenary</b>	<b>Assessment Questions</b>	
Do you think you would like to live in a tropical rainforest climate? Why or why not? Invite children to share their ideas, giving reasons why it might be nice (hot!) and why it might not (wet!).	<ul style="list-style-type: none"> <li>• Do children understand the word 'climate'?</li> <li>• Can children describe the climate of a tropical rainforest?</li> <li>• Can children compare the climate of the rainforest with climates in other parts of the world?</li> </ul>	