



Rainforest

OUTLINE

Global Environments

Week 3—Week 8

WORK STATION 1 : Find Your Unique Foreign Rainforest

Lesson 3: Tropical Group Lesson 4: Biomes Group Lesson 5: Epiphytes Group
Lesson 6: Canopy Group Lesson 7: Temperate Group Lesson 8: Biomes Group

WORK STATION 2: Building a Terrarium

Lesson 3: Cumulous Group Lesson 4: Tropical Group Lesson 5: Biomes Group
Lesson 6: Epiphytes Group Lesson 7: Canopy Group Lesson 8: Temperate Group

WORK STATION 3: Build a 3d Rainforest

Lesson 3: Temperate Group Lesson 4: Cumulous Group Lesson 5: Tropical Group
Lesson 6: Biomes Group Lesson 7: Epiphytes Group Lesson 8: Canopy Group

WORK STATION 4: Design a Poster illustrating threats and Solutions

Lesson 3: Canopy Group Lesson 4: Temperate Group Lesson 5: Cumulous Group
Lesson 6: Tropical Group Lesson 7: Biomes Group Lesson 8: Epiphytes Group

WORK STATION 5: People and the Rainforest

Lesson 3: Epiphytes Group Lesson 4: Canopy Group Lesson 5: Temperate Group
Lesson 6: Cumulous Group Lesson 7: Tropical Group Lesson 8: Biomes Group

WORK STATION 6: Research an Australian Rainforest

Lesson 3: Biomes Group Lesson 4: Epiphytes Group Lesson 5: Canopy Group
Lesson 6: Temperate Group Lesson 7: Cumulous Group Lesson 8: Tropical Group



Workstation 1

Group Name:

Your Name:

Date:

Worksheet designed by Jennifer Sunardi

TASK: FIND YOUR UNIQUE RAINFOREST

Instruction :

Step One: As a group pick a rainforest to research. (Rainforest must be outside of Australia e.g. Madagascar Rainforest) You may pick any Rainforest of your choice.

Step Two: Find location of your Rainforest and mark on Blank Global Map Worksheet. Mark down the Latitude, Longitude, and Specific Location e.g. State, City and Country.

Step Three: On your butcher paper illustrate your findings:

Research the following;

- Type of Rainforest
- Distinctive Flora
- Unique Faunas
- Where are the distinct flora and fauna located in the rainforest e.g. canopy etc...
- People
- Issues Rainforest face
- Solutions and management strategies to preserve and protect the Rainforest.
- Closest ocean to the rainforest
- Size of the Rainforest

Step Three: Paste your global map with the location of your rainforest marked on map and paste on your butcher paper

Step Four: On the right hand side in the 'Personal Reflection Corner' list 3 things learned you personally learned today

Step Five: Upon completion of the task, your group will present for 5 minutes and share your findings to your peers. Teacher will notify you when it is your groups presentation time.

Materials Required :

- * 5 Laptops/ IPad with Internet Access
- * Butchers Paper
- * Markers
- * Blank Global Map Work Sheet
- * Glue



Personal Reflection Corner

List 3 main things you have learned today in this workstation underneath

1)

2)

3)



Workstation 2

Group Name:

Your Name:

Date:



Personal Reflection Corner

Write down 3 things you have learned today in Workstation 2.

1)

2)

3)



Materials Required for workstation 2

- Empty Bottle
- Gravel
- Soil
- Water/ water spray can
- Various Plants
- Scissors
- Tape
- Cardboard
- Markers

Designed by Jennifer Sunardi

TASK: As a Group Create your own Terrarium and explain the interdependence that exist in the Rainforest.

Part A

Create your Terrarium

Step One: Cut the top two thirds par the bottle and set the top aside. Make sure lid is left on bottle top.

Step Two: Place a layer of gravel at the bottom of the bottle then cover it with a layer of damp potting soil.

Step Three: Place soil in bottle and place plant in desired place. Add more soil to secure the plants if necessary.

Step Four: Lightly water your terrarium. Be careful not to over flood plants with water.

Step Five: Place Top part of bottle back on top and seal with tape.

Step Six: Place completed terrarium in direct sunlight

COMPLETE! Now you have your own Rainforest!

Part B

Step One: As a group discuss the interdependence that exist in the rainforest.

Step Two: Write out your findings on a separate cardboard and stick your response on the bottom of your terrarium.

Step Three: In reflection corner write 3 things you have learned in this workstation.

Workstation 3

Materials Required

- Thick brown cardboard as base
- Toilet cardboard rolls
- Coloured Crepe Paper
- Coloured Markers
- White label cards
- National geographics magazine
- Glue
- Scissors
- Sticky Tape



Task: As a group create a 3d Rainforest, label each layer and identify characteristics of each layer.

Step One: On your brown cardboard use as the base to support your 3d rainforest.

Step Two: Out of the materials provided, as a group design your own rainforest.

Step Three: Label each layer of the Rainforest.

Step Four: Underneath each label, write out the features of each layer and provide e.g. flora or fauna and determine the layer flora or fauna may be found.

Step Five: Fill in the personal reflection Corner

Step Six: Prepare for a 5 minutes presentation to the class. Teacher will advise group when to present their work.

Personal Reflection Corner

List 3 things you have learned in this workstation

- 1)
- 2)
- 3)





Workstation 4

Group Name:

Your Name:

Date:

Rainforest Poster!

Task: Design a Poster Illustrating the threats to rainforest, and critically think of strategies to sustain and help preserve our rainforest.

Be CrEaTiVe!
LeT yOuR iMaGiNaTiOn RuN WiLd

Step 1: In your groups research contemporary factors that affect our rainforest. Brainstorm your ideas. Use the resources provided, there is internet access for you to source out plenty of information.

Step 2: Look at the threats rainforest face, in groups think of counter strategies to help overcome each threat to help preserve and save our rainforest.

Step 3: Research the benefits of maintain our rainforest. What are the benefits? (Research from different perspective e.g. from peoples perspectives, animals, mother nature, surrounding countries etc...)

Step 4: Reflect on all the aspects and find ways to help build Rainforest awareness

Step 5: Develop a poster that address both threats, solution to counter attack the threats, benefits of our rainforest, and ways to build rainforest awareness

Step 6: Each student is to fill in their own personal reflection corner. You need to list minimal 3 things you have learned and covered in this work station.

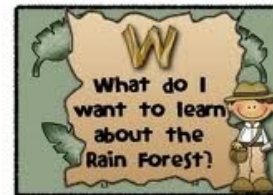
Step 7: Prepare a 5 minute speech to share your learning about this topic to the class.



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Material Required:

- Coloured Cardboard
- 5 I Pad/Laptops with internet access
- Coloured Markers



Personal Reflection Corner!

List 3 things learned in Workstation 4

- 1)
- 2)
- 3)



Group Name:

.....
Aborigines and
their Rainforest

Workstation

5

Your Name:.....

Date:.././.....

Materials Required

- Butchers Paper
- Markers
-

Recommended Text:

- Aborigines of the rainforest and survival in the rainforest
- Encyclopedia of Aboriginal Australia

Task: Research native people and their relationship with the rainforest.

Step 1: From prescribed text, identify the relation aboriginals have with their rainforest.

Step 2: How does the rainforest meet Aborigines needs. Explain your answer

Step 3: What strategies Aborigines use to source their needs. Why are these strategies used? Do they benefit or harm the rainforest?

Step 4: Are there any rainforest management strategies used to preserve the rainforest? Justify your answer.

Step 5: As a group draw a concept map illustrating your group findings on butcher paper.

Step 6: Fill in your personal reflection corner

Step 7: Prepare a 5 minute presentation summarizing your findings. Teacher will advise you when your group presents to class.

Personal Reflection Corner:

List 3 things learned in workstation 5

- 1)
- 2)
- 3)



Your name:

.....

Workstation 6

Group Name:

Date:

Materials Required:

- Worksheet provided by Teacher
- Pens
- 5x Lap tops with internet access
- Non Fiction Books
- Encyclopedia
- 5x Global map
- 5x Colour Cardboard



PERSONAL REFLECTION CORNER!!!

List 3 things you have learned today :



TASK: Research an Australian Rainforest and make comparison to your Unique Rainforest!

Step 1: Research from the resources provided about any Australian Rainforest of your choice. This is a individual task.

Step 2: Identify unique characteristics of your Rainforest. Locate on your own global map of Australian provided to you. (*Note down the latitude, longitude, State, City*)

Step 3: On your own worksheets provided, re-search the following unique to your rainforest

- Plants
- Animals
- Issues
- Solution in place
- Your opinion of alternative solutions

Step 4: Once completely filled in your worksheet and your global map, paste your sheets on one colored cardboard. Each of you will have a cardboard to past your worksheets to display on the global environments board.

Step 5: Each student will do a one minute presentation sharing to the class your findings. Address with your global map your rainforest and the unique features from your worksheet.

Step 6: Fill in your personal reflection Corner. List 3 things you have learned in Workstation 6.