

SUBJECT- GEOGRAPHY

TOPIC –L-8 HUMAN ENVIRONMENT INTERACTIONS TROPICAL AND SUB-TROPICAL REGION

CONTENT	GENERAL OUTCOMES	SPECIFIC OUTCOMES
	The students will be able to-	The students will be able to-
PRE- CONTENT – Tropical Forest	recall the human habitat	highlight the main features of Tropical Forest
CONTENT Tropical and sub tropical region	locate the region of Tropical and Sub Tropical region	identify the region of Tropical and Sub Tropical region
Life in Amazon Basin	focus on the environment in the Amazon Basin	describe the lifestyle in Amazon Basin
Amazon and Ganga – Brahmaputra Basin	recognize the features of the Ganga-Brahmaputra basin	familiarize themselves with the lifestyle of Ganga-Brahmaputra basin
-POST CONTENT Worksheet	apply the knowledge and complete the worksheet	write the answers in the given worksheets

HOMEWORK/ ASSIGNMENT

- 1.Read the chapter
- 2.Paste/Draw some pictures of different types of crops grown in the Ganga - Brahmaputra basin
- 3.Compare the life of the people living in the Amazon basin and the Ganga - Brahmaputra basin

MONTH-OCTOBER**CLASS-VII**

TEACHER'S ACTIVITY	STUDENT'S ACTIVITY	TEACHER'S OBSERVATION AND REMEDIAL TAKEN
Teacher will-	Students will-	
-take up a brainstorming session on tropical rainforest to assess the previous knowledge of students	-participate in the classroom discussion and talk about the features of tropical rainforests.	
-highlight the tropical and sub tropical region on a world political map.	-mark the location of tropical and sub tropical region on a world political map	
- discuss the environment and lifestyle in Amazon Basin	-analyse the lifestyle and environment of the people of Amazon basin and take note of important points	
-ANNEXURE 8A PEC Activity guide the students to complete the activity	-ANNEXURE 8a follow the instructions and complete the activity	
-refer to the worksheet given in ANNEXURE 8A and initiate the recapitulation in class	-discuss the worksheet given in ANNEXURE 8a and solve them	

Teaching Aids : Quiz, MCQ, Activity sheet, Interactive board and relevant support material

Methodology/Innovative Methods: Discussion ,Map pointing, Book Reading, Activity based learning

Interdisciplinary Links: V.ED- Analyze the lifestyle of the people living in tropical and sub tropical region , Sociology – Human environment, Cartography –location of tropical and sub tropical region

COORDINATOR**HOD****VICE PRINCIPAL****PRINCIPAL**

ANNEXURE 8A- Teacher will guide the students to complete the activity.

ANNEXURE 8a- Students will follow the instructions and complete the activity.

EXPERIENTIAL LEARNING-ACTIVITY NO. G - VIII

Subject	Geography
Class	VIII
Chapter	L-8, Human Environment Tropical and Subtropical Regions
Topic	Amazon and Ganga-Brahmaputra Basin
Time	1 hour/2 periods
Nature of Activity	Team work(18 students per team)

Activity Title - PEC Activity Basins

What will I learn(Learning Outcomes)? The students will be able to:

- infer about the Physical and Cultural Features of Amazon and Ganga-Brahmaputra Basin.
- tabulate the differences between the Amazon and Ganga-Brahmaputra Basin.

SKILLS: Understanding and Remembering

What I have to do? – To complete the PEC activity based on segregating the features of Amazon and Ganga-Brahmaputra Basin and fill the observation table.

What do I require? – skipping rope, chits of questions and observation sheet tape

What do I need to know? – Features of Amazon and Ganga-Brahmaputra Basins.

Teacher's Activity- Teacher will:

- prepare Basin cards for features of Amazon and Ganga-Brahmaputra Basins. Refer Fig.VIII.1&VIII.2

Fig.VIII.1 Basin Card Of Amazon

<u>FEATURES OF AMAZON BASIN</u>	
1.	<u>“lungs of the Earth”</u>
2.	<u>Located in South America.</u>
3.	<u>Spread across Brazil, parts of peru, Bolivia, Equador etc.</u>
4.	<u>World’s largest tropical rainforest.</u>
5.	<u>Flesh eating piranhas,electric eels etc.</u>
6.	<u>Hot and wet climate throughout the year.</u>
7.	<u>Thick forests</u>
8.	<u>Orchids and Bromeliads</u>
9.	<u>Tapioca, pineapple and sweet potato</u>

Fig. VIII.2 Basin Card Of Ganga-Brahmaputra

<u>Features of Ganga-Brahmaputra Basin</u>	
1.	<u>Distributed among India, China, Nepal, Bangladesh and Bhutan.</u>
2.	<u>Sunderbans delta are the main features of this domain.</u>
3.	<u>Mangrove forests.</u>
4.	<u>Allahabad, kanpur Varanasi Lucknow etc. are located along the River Ganga.</u>
5.	<u>Tourism</u>
6.	<u>Slash and burn agriculture.</u>
7.	<u>Fish and rice</u>
8.	<u>Whet, maize and grain</u>
9.	<u>Taj Mahal, buddhists stupas, Imambara, wildlife sanctuaries.</u>

- also prepare chits consisting of the features of Amazon and Ganga-Brahmaputra Basins using fig-VIII.1&2.
- put the tapes on a basketball pole at an interval of 5cm with the help of volunteers and she will apply tape for 10 such markings.put two bowls with the labels of Amazon and Ganga-Brahmaputra basin.
- prepare a response sheet which the students will fill.Refer Fig.VIII.3

Fig.VIII.3 Response sheet

<u>AMAZON BASIN</u>	<u>GANGA-BRAHMAPUTRA BASIN</u>

- hold a discussion on Amazon and Ganga-Brahmaputra Basin and highlight their features.
- brief the rules of the activity. Refer fig.-VIII.4

Fig.VIII.4

- Divide the class into two teams - Team A and Team B each consisting 18 students in each team).
- For a class of 40 students she will make four students as volunteers.
- She will handover the envelope of chits consisting of features of basins to two volunteers
- Ask team A to line up and volunteer will provide chits envelope to Team A
- When team A will participate team B will note their response.
- Two volunteers sit facing each other holding the rope near the pole on which marking is done.
- Team A members will run towards the bowl and drop the chit. If the response is incorrect then the teacher will indicate to raise the level of rope.
- After dropping the chit the member has to jump over the rope and join its team back.
- One by one all students of Team A will complete the task and volunteers will note the responses given by the members of Team A. The same how I proceed? Will be repeated by Team B
- The teacher will note the timings for both the teams. At the end the teacher will share correct answers.
- Then students will fill the observation table.

How will I proceed?

Students Activity- Student's will:

- follow the instructions and proceed accordingly.
- divide themselves into two teams.
- then drop the chit consisting of features of basins into the correct bowl.
- complete the response sheet.

What have I observed?

Observation Table- Features of Basins

<u>Name of the Basin</u>	<u>Climate</u>	<u>Wildlife</u>	<u>Economic Activity</u>
*Amazon	*Hot and Humid	*Ant - eating tapir	*Hunting and Fishing

*Sample filled

What have I learnt?

- The Amazon Rainforest is the largest _____ in the world.
- Tourism is an important activity of _____ basin

What am I curious to learn?

- Amazon Basin, lungs of the earth are under threat but human activities are responsible for great destruction, how would it impact globally?

Let me evaluate myself?

Q.1 Complete the table with correct information:-

Name of the Basin	Climate	Forests	Animals
_____	Hot and Wet	Thick	Monkeys

Q.2 Fill in the blanks:

- (i) Match boxes and packing boxes are made from _____.
- (ii) _____ regions are known as the orchards of the world.
- (iii) The changes in the type of natural vegetation occur mainly because of the changes in _____ conditions.

Q.3 Choose the correct option.

1. Important cash crop of Ganga-Brahmaputra Basin.
 - a. Coffee
 - b. Sugarcane
 - c. Cocoa
 - d. Rice

2. This is a food crop grown in the Amazon Basin.
 - a. Tapioca
 - b. Wheat
 - c. Maize
 - d. Fish

3. A primitive method of cultivation practised in the Amazon rainforest.
 - a. Slash and Burn
 - b. Terrace farming
 - c. Hoe and Plough
 - d. Intensive

Q.4 Name the agro-based industries of the Ganga Brahmaputra Basin.

Ans. _____
_____.

Q.5 Briefly describe the flora and fauna of the Amazon Basin in 50-60 words.

Ans. _____

_____.