

Lesson Plan

Objective:

- Students will understand the concept of ecosystems, their components, and the impact of human activities on them.
- Students will explore the delicate balance between human needs and ecosystem preservation.
- Students will learn about efforts to rebound ecosystems and the importance of legal recognition for preservation.

Materials:

- Smart Screen or Projector slides
- Printed and soft copies of the article for each student including audio files

Introduction (15 minutes):

1. Welcome and Engage: Greet the students and ask them if they know what an ecosystem is. Encourage them to share their thoughts.
2. Overview of Lesson: Explain that today's lesson is about ecosystems—their definition, human impact, threats, and efforts for preservation.
3. Introduction to Ecosystems (15 minutes):
 - Present and discuss the definition of ecosystems.
 - Engage students with questions: What do they think living and non-living components are? give examples?
 - Activity 1 - Group Discussion (20 minutes):
4. Human Impact on Ecosystems:
 - Discuss historical interactions between humans and ecosystems.
 - Divide students into small groups and ask them to discuss examples of human impact on ecosystems.
5. Threats to Amazon Rainforest Ecosystems:
 - Discuss deforestation in the Amazon.
 - Provide printed copies of the article.
 - Ask students to read the article and identify the consequences of deforestation.

Activity 3 - Critical Thinking (20 minutes):

6. Balancing Act - Human Needs vs. Ecosystem Preservation:

- Discuss the conflict between human development and conservation.
- Engage students in a class discussion on the impact on education, healthcare, and income for local communities.

Group Presentation:

- Each group presents their findings.
- Discuss the countries involved and why they might face the dilemma of clearing land.

Closure (15 minutes):

7. Rebounding Ecosystems and Ecuador's Approach:

- Discuss the challenges faced by coral reef ecosystems and Ecuador's approach.
- Conclude with a class discussion on the importance of preserving ecosystems.

Reflection and Evaluation:

- Ask students to reflect on what they've learned.
- Assign Project: Write a short paragraph on what they can do to contribute to ecosystem preservation.

Assessment:

- Participation in class discussions.
- Group presentations on case studies.
- Project Based Assignment