PLANTClassroom Activity: Drainage System - Understanding Himalayan River Dynamics

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Multiple Choice Questions (15 minutes)

Choose the correct answer for each question:

- 1. What is the primary function of a drainage system?
 - a. To supply water for irrigation
 - b. To provide habitat for flora and fauna
 - c. To drain water from a particular area
 - d. To regulate water quality

2. Which of the following rivers is part of the Himalayan River System?

- a. Godavari
- b. Krishna
- c. Ganges d. All of the above
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Short Answer Questions (20 minutes)						
nswer the foll	lowing questions	in 50-75 words ea	ach:			
1. Describe	the formation of	the Himalayan F	River System.			
2. What are	the major tributa	aries of the Gang	es River?			

Essay Questions (30 minutes)

Answer the following questions in 150-200 words each:

1. Discuss the significance and importance of the Himalayan River System.

2. How do human activities impact the Himalayan River System?

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Activities (25 minutes)

Complete the following activities:

1. Create a diagram of the Himalayan River System, labeling its major tributaries and significant geographical features.

2. Write a short story or poem about the importance of conserving the Himalayan River System.

Case Study (20 minutes)

Read the case study and answer the following questions:

Case Study: The Ganges River Basin

The Ganges River Basin is one of the most populous and fertile regions in the world. However, it faces numerous challenges, including pollution, deforestation, and the construction of dams.

1. What are the potential consequences of pollution in the Ganges River Basin?

Page 1 of 4 2. How can the construction of dams affect the Ganges River Basin?

Glossary (5 minutes)

Match the terms with their definitions:

Term	Definition			
Drainage system	A network of rivers and streams that drain water from a particular area.			
Watershed	An area of land that separates two drainage systems.			
Tributary	A river or stream that flows into a larger river or lake.			

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