

LESSON PLAN
SUBJECT – GEOGRAPHY
CLASS – XI (Session 2026-27)

TOPIC	LEARNING OUTCOMES	INNOVATIVE/ART INTEGRATION/EXPERIENTIAL LEARNING/ INTER DISCIPLINARY
1 Geography as a Discipline	• Explain the approaches to study geography	Make the model of various continents with the help of material available with you.
2 The Origin and Evolution of the Earth	• Describe the Big Bang, Planetesimal theory, Nebular Hypothesis related to the origin of the universe.	Show the various tectonic plates on the map of the world.
3 Interior of the Earth	• Explain the interior structure of the earth. • Explain Volcanoes, its types and volcanic landforms.	Prepare a model of interior structure of the earth with the help of suitable material and make various layers with the help of colours.
4 Distribution of seas and oceans	• Explain Post drift studies, Convectional current theory, Mapping of the ocean floor, Ocean floor configuration, Concept of sea-floor spreading. • Describe theory of plate tectonics and different types	

	of plate boundaries. Trace the movements of Indian Plate.	
5 Geomorphic Processes	- Differentiate between geomorphic processes and geomorphic agents. - Describe factors that affect soil formation. - Define the following terms: Exfoliation, Denudation, Weathering etc.	Make different seismic zones on the map of India.
6 Landforms and their Evolution	- Students will be able to compare and analyse various landforms. - Locate different landforms (mountains, plateaus, plains) on the outline map of the world.	
7 Composition and Structure of Atmosphere	Describe the composition and characteristics of different layers of atmosphere.	
8 Solar Radiation, Heat Balance	Differentiate between solar radiation and	Prepare a model showing three different stages of a river.

and Temperature	terrestrial radiation. • Explain the heat budget of the planet earth. • Describe factors controlling temperature distribution.	
9 Atmospheric Circulation and Weather Systems	• Explain different types of winds. • Differentiate between tropical and extra tropical cyclones.	Observe minimum temperature in your school daily and prepare a chart for it.
10 Water in the Atmosphere	• Explain the process of precipitation and its different forms. • Analyse the variation in the distribution of rainfall in the world.	Prepare a chart to observe wind direction with the help of wind vane in your school.
11 World Climate and Climate Change (To be tested through internal assessments in the form of project and presentation)	• The topic can be presented in class through PPT or Project Work after conducting extensive and guided research by students.	Observe various types of rainfall in your region.
12 Water (Oceans)	• Describe the relief features of the ocean floor. • Explain the process of	Show on the map of the world the climatic classification presented by koeppen.

	heating and cooling of oceanic water and factors that affect temperature. • Distribution in the Ocean.	
13 Movements of Ocean Water	• Explain tides, currents and waves. • Analyse the economic significance of tides. • Describe ocean currents and the forces that influence them.	Prepare a chart to show hydrological cycle.
14 Biodiversity and Conservation	• Describe the characteristic features of the biosphere. • Define ecology and related terms and explain the need for ecological balance. • Recognize the abiotic and biotic factors of the ecosystem.	Prepare detail note on the biodiversity of your local area.
INDIA-PHYSICAL ENVIRONMENT		
1 India-Location	• Describe the location of India mentioning the surrounding water bodies.	• On the map of India show the newly created states. • Show the countries having boundaries with India.

	- Analyse the implications of living in a country with vast longitudinal and latitudinal extent and its impact on the standard time of India. - Explain the vastness of India and the diversity that comes along with it.	
2 Structure and Physiography	Describe major physiographic divisions and the processes of their formation.	- Show on the map of India the major peaks of Himalayas. - Show the parts of peninsular India in the map. - Make a model of India with the help of local.
3 Drainage System	- Understand the major drainage system of India. - Analyse the causes of river water pollution.	- Show the major rivers of India on the map. - Make bar diagram to show the catchment area of major rivers.
4 Climate	- Discuss the factors affecting climate of the country and its effect on country's economic life. - Understand the annual cycle of four main seasons in India.	- Show the following features on the outline map of India. - Areas receiving rainfall due to western disturbances - Wind direction in summer season. - Isotherms of 15 C - Isohyets of 200cm - Discuss the impact of industrialization in India on global warming.

	• Able to realize the causes and problems of climate changes.	
5 Natural Vegetation	• The students will be able to recognise the importance of forest cover in the country and its spatial distribution. • They will learn about number of species of plants and animals in India. • They will appreciate the efforts in conservation of forests and wild life.	• Make list of endangered species of natural vegetation in your locality • Show the following features on the map of India Evergreen Forest and Sunderban.
6 Natural Hazards and Disasters (To be tested through internal assessment in the	• Classifies different types of hazards and disasters.	Make a report of land slide or cloud burst activity in your locality.