LEARNING PLAN OUTCOMES (2024 - 2025)

Class - XI **Subject - Geography**

Prescribed Books:

A. Fundamentals of Physical Geography

B. India: Physical Environment

C. Practical Work in Geography – Part I

Sl. No.	Month	Chapter	Learning Outcomes
01.	**May**	**Bridge Course**	Students will build on Class X geography knowledge by deepening understanding of physical and human geography, analyzing economic and environmental interactions, and enhancing map interpretation skills for advanced geographic study in Class XI.
02.	**June**	**A. Ch-1 Geography as a Discipline** **A. Ch-2 The Origin and Evolution of the Earth** **B. Ch-1 India Location**	Students will explore the foundational principles of geography as a discipline, analyse its scope and methodologies, and understand its role in studying spatial patterns and human-environment interactions. Students will explore the origin and evolutionary processes of Earth, including theories of formation, geological timescales, and changes in landforms and environments over geological history. Students will analyse India's geographical location, including its coordinates and neighbouring countries, and understand the significance of its location in shaping its history, culture, and geopolitical dynamics.

		B. Ch-2 Structure and Physiography	Students will examine the structure and physiography of Earth's surface, encompassing landforms, geological processes, and their spatial distribution, to understand their role in shaping landscapes and influencing human activities.
		C. Ch-1 Introduction to Maps	Students will acquire foundational knowledge on maps, including types, scales, symbols, and projections, and apply this understanding to interpret geographical data, analyse spatial relationships, and communicate geographic information effectively.
03.	**July**	**A. Ch-3 Interior of the Earth**	Students will explore the interior structure of the Earth, including its composition, layers (crust, mantle, core), and geological processes such as plate tectonics and seismic activity, to understand how these factors influence Earth's surface features and phenomena.
		Ch-4 Distribution of Ocean and Continents	Students will study the distribution of oceans and continents across Earth's surface, exploring plate tectonics, continental drift, and geological processes that shape landmasses and ocean basins, influencing global geography and biodiversity.
		B. Ch-3 Drainage System	Students will analyse the drainage systems of continents, including their patterns, types of rivers, and the significance of rivers in the development of the continent
		C. Ch-1 Introduction to Maps	Students will grasp the fundamentals of maps, including types, symbols, scales, and projections, and apply this knowledge to interpret spatial data, analyze geographical patterns, and communicate geographical information effectively.

		C. Ch-2 Map Scale	Students will comprehend map scale, its types (such as verbal, fractional, and graphical), and its significance in representing accurate distances on maps, aiding in spatial analysis and navigation.
04.	**August**	**A. Ch-6 Geomorphic Process**	Students will explore geomorphic processes, including weathering, erosion, and deposition, to understand their role in shaping Earth's landforms over time and their impact on landscapes and ecosystems.
		Ch-7 Landforms and their Evolution	Students will examine various landforms like mountains, plains, plateaus, and their evolutionary processes, including erosion, deposition, and tectonic movements, to understand how geological forces shape the Earth's surface features over geological time scales.
		B. Ch-3 Drainage System	Students will analyse the drainage systems of continents, including their patterns, types of rivers, and the significance of rivers in shaping landscapes, supporting ecosystems, and influencing human activities and development.
		C. Ch-3 Latitude, Longitude and Time.	Students will explore latitude and longitude as coordinates on Earth's surface, and understand their role in determining locations and time zones, facilitating global navigation, and interpreting spatial relationships in geography.
05.	**September**	**Revision**	Students will comprehensively review all course material, practice with past exam papers, self-assess their understanding, and seek clarification on any remaining doubts to ensure thorough preparation for assessments.

		Half Yearly Exam	Students will rigorously revise all topics covered so far, practice with past exam papers, self-assess their knowledge, and clarify any remaining doubts to prepare effectively for the half-yearly exam.
06.	**October**	**A. Ch-8 Composition and Structure of The Atmosphere**	Students will examine the composition and structure of Earth's atmosphere, including layers (troposphere, stratosphere, mesosphere, thermosphere, exosphere), gases present, and their roles in weather, climate, and environmental processes.
		Ch-9 Solar Radiation, Heat Balance and Temperature	Students will study solar radiation's interaction with Earth's surface, the resulting heat balance, and how these factors influence temperature variations across regions and seasons, impacting global climate patterns.
		Ch-10 Atmosphere Circulation and Weather System	Students will analyse atmospheric circulation patterns, including global wind systems like trade winds and westerlies, and their role in shaping weather systems such as cyclones and anticyclones, influencing climate and weather conditions globally
		Ch-11 Water in the Atmosphere	Students will explore the presence and forms of water in the atmosphere, including evaporation, condensation, and precipitation processes, and understand their role in weather phenomena and the hydrological cycle.
		B. Ch-4 Climate	Students will analyse climate as long-term patterns of temperature, precipitation, wind, and other atmospheric conditions, examining factors influencing climate variability and the impacts of climate change on ecosystems and human societies.

		C. Ch-4 Map Projection	Students will explore map projections, including types like cylindrical, conical, and azimuthal, and understand their distortions, applications, and importance in accurately representing the Earth's curved surface on flat maps.
07.	**November**	**A. Ch-12 World Climate and Climatic Change**	Students will analyse global climate patterns, including factors influencing them, trends in climatic change, and the environmental, social, and economic impacts of climate change on global and regional scales.
		Ch-13 Water (Oceans)	Students will explore the characteristics of oceans, including their physical properties, currents, marine life, and the role of oceans in regulating global climate and supporting ecosystems and human livelihoods.
		Ch-14 Movement of Ocean Water	Students will study the dynamics of ocean water movement, including surface currents driven by winds and deeper ocean currents influenced by temperature and salinity gradients, understanding their impact on climate, marine ecosystems, and global transport routes.
		B. Ch-5 Natural Vegetation	Students will examine natural vegetation types such as forests, grasslands, deserts, and tundra, exploring their distribution, ecological significance, biodiversity, and human impact on these ecosystems.
		C. Ch-5 Topographical Maps	Students will analyze topographical maps, understanding their representation of elevation, terrain features, and geographic details essential for navigation, land use planning, and environmental management.

08.	**December**	**A. Ch-15 Life on the earth**	Students will explore the diversity of life on Earth, including ecosystems, biodiversity, ecological interactions, and human impacts on the environment, emphasizing conservation and sustainable practices.
		Ch-16 Biodiversity and Conservation	Students will study biodiversity, including its importance, threats such as habitat loss and climate change, and conservation strategies aimed at preserving species, ecosystems, and genetic diversity for future generations.
		B. Ch-7 Natural Hazards and Distances	Students will analyze natural hazards such as earthquakes, tsunamis, hurricanes, and droughts, examining their causes, geographical distribution, impacts on human populations and infrastructure, and strategies for mitigation and disaster management.
		C. Ch-7 Introduction to Remote Sensing	Students will explore remote sensing as a technology for acquiring information about Earth's surface from a distance, including principles, types of sensors, applications in environmental monitoring, and its role in geographic analysis and resource management.
		Ch-8 Weather instruments Maps and Climate	Students will study weather instruments used for measuring atmospheric conditions, analyze different types of maps used in meteorology for weather prediction, and understand the relationship between these factors and climate patterns.
09.	**January**	**Revision**	Students will consolidate learning across all subjects, review key concepts, practice with past exam

	February/March	**Annual Exam**	papers, self-assess understanding, and seek clarification on any remaining doubts to ensure thorough preparation for assessments. Students will engage in thorough revision of all subjects, solve past exam papers, self-assess their understanding, and clarify any remaining doubts to ensure comprehensive preparation for the annual exam.