Curriculum
Subject: Geography (029)
Class: XI
Session: 2024-25

	April	May	June	July	August
Content	Fundamentals of Physical Geography: Unit 1: Geography as a Discipline	Unit 2:The Earth: Origin and evolution, interior of the Earth, distribution of oceans and continents Practical Work: Introduction to Maps Types of Maps	Unit 3: Landforms: Landforms and their evolution Unit 4: Climate: Composition and structure, solar radiation, heat balance and temperature Practical Work: Map Scale	Unit 4: Atmospheric Circulation and Weather Systems, Water in the Atmosphere Practical Work: Latitude, Longitude and Time, Map Projection	Unit 5: Water (Oceans): Movements of Oceans Water Unit 6: Life on the earth: Biodiversity and Conservation (Presentation) Practical Work: Topographical Maps
Learning Outcomes	Students will be able to: - Understand the essentials of Geography as a discipline	Students will be able to: -Compare the list of theories in relation to origin of earth. -Get familiar with basic concepts of identifying map.	Students will be able to: -Identify various processes involved in the formation of landforms. -Critically analyse the mechanism of climate and its variations. -Understand the impact of changing heat/temperature. -Analyse the importance of Map scale and its relevance in map making.	Students will be able to: -Understand the ever-changing climatic dynamics. -Understand how to convert three dimensional images into two dimensional.	Students will be able to: -Understand the basics of Oceanography and movements of ocean water waves. -Understand the importance of plants and other organisms, biodiversity and conservation. -Identify different depiction in topographical maps.
Skills	Remembering, Understanding, Applying & Analyzing	Remembering, Understanding , Applying & Analyzing	Remembering, Understanding, Applying & Analyzing	Remembering, Understanding, Applying & Analyzing	Remembering, Understanding, Applying & Analyzing

Competency Skill Based Activities/ Experiential Learning	Collect data on different topics and interlinkage with different branches of Geography. Make a pictographic presentation of the data in notebooks enhancing art Integration. Integrated with all major subjects.	Students will do an experiment on Universe expansion theory with the help of a balloon. Integrated with Physics.	Spot different physical features in India and in surroundings. Integrated with Geology.	Presentation on World Climate and Climate change. Integrated with Science.	Collect information and prepare a short assignment about loss of biodiversity and specify ways to sensitize people towards conservation. Integrated with Science.

	September	**October**	**November /December**
Content	<u>India –Physical Environment:</u> Unit 7: Introduction Unit 8: Physiography: Structure and Physiography <u>Practical Work:</u> Contour Cross Section & Conventional Symbols	Unit 8: Drainage system <u>Practical Work:</u> Introduction to Aerial Photographs, Introduction to remote sensing	Unit 9: Climate and Natural Vegetation: Climate, natural vegetation, Soils Unit 10 Natural Hazards and disasters (Outerview)
Learning Outcomes	Students will be able to: -Understand the Physiographic concepts in relation to India. -Interpret basic information from Topographic maps.	Students will be able to: -Understand the drainage pattern and its impact over different parts of India. - Identify various weather instruments	Students will be able to: -Understand the impact of climate over distribution of natural vegetation and varieties of soil present in India. -Identify the reasons and mechanism of various natural hazards. -Understand the basic difference between aerial photography and remote sensing.
Skills	Remembering, Understanding, Applying & Analyzing	Remembering, Understanding, Applying & Analyzing	Remembering, Understanding, Applying & Analyzing
Competency Skill Based Activities/ Experiential Learning	While knowing their uniqueness categorize India into physiographic divisions. Integrated with Art and Science.	In the context of the map Identify different river systems of India. Integrated with Economics.	Recognize the natural disasters which may affect their state and prepare a mitigation programme along this visit to DDMA. Integrated with Science.

Assessments	• **Notebook Maintenance (C.W./H.W)** • **Class Test** • **Periodic Test** • **Practical File Maintenance** **Book List:** **Fundamentals of Physical Geography (NCERT)** **India Physical Environment (NCERT)** **Practical Work in Geography Part – I (NCERT)**