

Geography

VIII – X

Rationale:

At this stage, Geography like other components of Social Sciences has a distinct entity and an adequate space has been given to develop multiple perspectives on a few selected themes, so that one also develops a comprehensive view.

Geography draws its content both from natural sciences as well as social Sciences, therefore, unlike other Social Sciences, it does not study only human behaviour which is governed by 'reasons' it also studies physical phenomena which are governed by 'cause effect'

Following the National Curriculum Framework 2005, contemporary India has been taken as the major area of study for a three- year course. 'Resource and Development' is the theme for class VIII. In class IX a little of Physical Geography has been included but the main theme is 'India – Land and People', whereas in class X, 'India - Resources and their Development' is the main theme and Geography of Meghalaya' is a part included. In all the three classes (VIII – X) Disaster Management is also included. The learners, at this stage prepared to take up more intensive study for developing a deeper understanding of the socio-economic challenges before the nation. Local/regional context makes the learning relevant enjoyable.

Objectives

The major objectives of the course are to:

- (1) Understand and appreciate the diversities in land and people of India with relation to their own place in the layer canvas.
- (2) Understand the process of economic and social change and development in their own surrounding and relate it with contemporary India.
- (3) Judicious utilization of resources as well as the need for the conservation of the natural environment.
- (4) Inculcate a critical appreciation for conservation and environmental concerns.
- (5) Appreciate the rights of local communities in relation to their environment.
- (6) Appreciate the natural beauty of the country and the local surroundings

Class VIII
Theme: Resources and Development

Total marks- 40

UNIT	TOPICS	OBJECTIVE	MARKS	NO. OF PERIODS
I	Natural resources their distribution, utilization and conservation, land and soil, water, natural vegetation, wildlife, mineral and power resources.	To understand the importance of resources in our life; To appreciate the judicious use of resources for sustainable development; To develop awareness toward resources conservation and take initiative toward conservation process.	9	13
II	Agriculture: types of farming, major crops, food crops, fibre crops, beverages, agriculture development.	Learn about various types of farming and agriculture development on two different regions. To understands the role of Agricultural in protection, preservation and conservation of environment	7	12
III	Industries: Classification of Industries base on size, raw material, ownership, major industries and distribution; Processing and production of goods; infrastructure and development; Iron and steel industry. Information technology. Utilization of resources for industry – need for planning and management; adoption of efficient and environment friendly	To understand different forms of manufacturing industries.	6	11

	technologies; industrial waste management practices			
IV	Human resources; composition, population change, distribution and density.	To understand and justify the role of human resources in development of nation's economy	7	12
V	Natural Disaster Drought, Flood and Earthquake.	Understanding of the major natural disasters and their management	8	13
Case study (any one (1)) 1. Any 2 (two) food crops of Meghalaya 2. Any industries of Meghalaya.			3	4
Project/Activity <ul style="list-style-type: none"> . Map Work: India – Location of mountain ranges, hills, rivers and coastlines. . Map Work: Meghalaya – Distribution of natural vegetation, minerals and roads. . Mock Drill 				

Note: The main points to be taken into consideration with regards to case study:

1. Definition
2. Mode of preparing
3. Purpose of the case Study
4. Conclusion.

RECOMMENDED BOOKS

- 1) Any available NCERT published book on the theme.
- 2) Together towards a Safer India – Part II CBSE Publication.

Class IX**Theme: Physical Geography****UNIT - I****Total marks- 35**

TOPIC	OBJECTIVE	NO. OF PERIOD	MARKS
Major land forms, mountains, plateaus and plains.	To learn about the major second order landforms	8	5
Oceans: tides and oceans current	To understand the dynamics of tides and ocean currents.	6	3

Theme: India – Land and People**UNIT - II****Total marks-20**

TOPICS	OBJECTIVE	NO. OF PERIOD	MARKS
India: Location, relief, Structure, major physiographic units	To understand the major land form features and the underlying geological structure; their association with various rocks and minerals.	10	6
Climate: factors influencing the climate; monsoon – its characteristics, rainfall and temperature distribution; season; climate and human life	To identify the various factors influencing the climate and explain the climate variation of our country and its impact on the life of people. To explain the importance and unifying role of monsoons	10	8
Natural vegetation: vegetation types, distribution as well as altitudinal variation, need for conservation and various measures.	To find out the nature of diverse flora and their distribution To develop concern about the need for protecting the diversity of flora	7	3
Drainage; major river and tributaries, lakes and seas, role of river in the economy, pollution of river, measure to control river pollution.	To understand the river system of the country and explain the role of rivers in the evolution of human society.	7	3
Project/Activity- <ul style="list-style-type: none"> i) A note on the drainage systems of Meghalaya. Sketch to be drawn showing the major river of the state. ii) Collection of material by learners on the flora and fauna of Meghalaya. iii) Mock Drill. 			

Theme: Disaster Management

UNIT - III

Total marks- 11

TOPIC	OBJECTIVE	NO. OF PERIOD	MARKS
Disaster Management- Natural - Landslide, cyclone and fire	Creating awareness about the natural and man-made disaster	4	6
Man-made – Terrorist attack & Chemical & Industrial accidents.		3	5

For the project work, a note on the drainage system of Meghalaya will provided student a chance to learn about the state's river, having learned about the drainage system of the country

Similarly, they will also collect materials on the flora and fauna of Meghalaya, to enhance their knowledge of wild life etc. of the state.

BOOKS RECOMMENDED

1. “Physical Basic of Geography” – A.B. Mukherjee, A text book for class XI, NCERT Publication
2. “Senior Secondary Geography – Part I “– Khullar, Saraswati House Pvt. Ltd., Delhi.
3. “Text book of Physical Geography” – George Kurian, NCERT Publication.
4. “Contemporary India” – Hari Om, Savita Sinha, et al., NCERT Publication.
5. “Contemporary India-I” –Text book in Geography for class IX, NCERT publication.
6. Together Towards a Safer India Part II, CBSE publication.

Class X
A. Theme: India – Resources and their development (45 Periods)
Total marks-40

Unit- I

Total marks- 22

TOPICS	OBJECTIVE	NO. OF PERIOD	MARKS
Resources: types – natural and human; need for resources planning. Natural resources, changing land-use pattern; land degradation and conservation measures.	To understand the value of resources and the need for their judicious utilization and conservation.	7	5
Agriculture: Contribution of agriculture to national economy employment and output, food security, impact of globalization.	To understand the importance of agriculture in national economy.	5	3
Water resources; source, distribution, utilization and multipurpose project.	To understand the importance of water as a resources	4	2
Minerals resources; types of minerals, distribution, use and economic importance of minerals, conservation	To discuss and learned about the various types of minerals as well as their uneven distribution and explain the need for their judicious utilization	6	4
Power resources; Types of power resources conventional and non-conventional resources, distribution and utilization, Energy crisis – urban and rural sections conservation	To discuss and learned about the various types of conventional and non-conventional power resources and their utilization.	4	2
Manufacturing Industries; types, spatial distribution, contribution of industries to the national economy	To discuss the importance of industries in the national economy.	5	3
Transport communication and trade	To explain the importance of transport and communication in the ever-shrinking world; To understand the role of trade in the economic development of a country and analyses the changing pattern of trade.	5	3

B. Theme: Geography of Meghalaya

UNIT – II

Total marks- 12

TOPICS	OBJECTIVE	NO.OF PERIOD	MARKS
Introduction, location. Position	To learn about the state's location and its position as a North Eastern state of India	3	2
Physiographic and Drainage	To understand the major physiographic features and drainage system of the state.	6	3
Climate: factors Influencing climate, rainfall and temperature distribution.	To identify the various factors influencing the climate of the state and explain its impact on the life of the people on the state.	4	3
Forest resources; types and distribution	To learn about the rich forest resources of the state and develop concern for their conservation	3	2
Agriculture and horticulture	To identify particular types of farming methods of the state. To understand the importance of horticulture in the economy of the state.	4	2
Project/Activity Learners may write a brief report on (i) Tourism in Meghalaya (ii) Natural vegetation of Meghalaya (iii) Mock Drill The report must include photographs, maps, etc.			

For the project/Activity, introducing 'Tourism in Meghalaya' would enable students to not only gain knowledge about places of interest but also to appreciate them. Introducing 'Natural Vegetation of Meghalaya' will enable them to appreciate the rich forest cover of the state and develop a sense for protecting them.

Unit – III

Total marks- 6

TOPICS	OBJECTIVE	NO.OF PERIOD	MARKS
Disaster Management – 1. Survival Skill	To create awareness and minimize the loss of life.	7	3
2. Planning ahead by the people, for the people.		7	3

BOOKS RECOMMENDED

1. “Contemporary India”- B.M. Pande, J. P. Singh, et. al., NCERT Publication
2. “Geography of Meghalaya”- G. P. Bhakta
3. Together Towards a Safer India Part III, CBSE publication.