

St. Xavier's School

Syllabus and Lesson Planner



Class	X	Syllabus		
Subject	GEOGRAPHY			
Ch. No.	Name of the Chapter	Topic	Month	Week
2 & 3	Practical Geography - Map of India	Position and extent of India (through map only)	April	2
		The physical features of India - Mountains , Plateaus, plains and rivers (through map only)		
1	Toposheet	Intrepretation of toposheet map no. G43S7and G43S10	April	4
4	India - The Climatic condition	Factors affecting climate of India.	May	2
		Monsoon and it's mechanism		
		Seasons - Summer , Monsoon , Reatreating monsoon , Winter		
5	India - Soil Resources	types of Soil - Alluvial , Black , red and laterite	June	2
		Distribution , composition and crops associated		
		Soil erosion - causes , prevention and conservation.		
6	Natural Vegetation	Importance of Forests	June	4
		Types of vegetation-Tropical evergreen ,Tropical deciduous , Tropical desert , Littoral and		
		Mountain distribution and correlation with their environment. and Forest conservation		
		Sources- Surface water and groundwater		
7	India - Water Resources	Need for conservation and conservation practices	July	2
		Irrigation		
		Mineral resources- Iron ore , manganese , copper and bauxite		
8	India - Mineral Resources	Uses and distribution	July	4
		Conventional sources- Coal , petroleum , natural gas (distribution , advantages and disadvantages)		
9	India - Energy Resources (Conventional)	Hydel power - Bhakra Nangal dam and Hirakud	August	1
		Non conventional sources- Solar , wind , tidal , geothermal , nuclear and biogas (Generation and advantages)		
10	India - Energy Resources (Non Conventional)		August	2
11	India - Agriculture	Indian Agriculture- Importance , problems and reforms	August	4
		Types of farming		
		Agricultural seasons		
		(RICE , Wheat & Millets)- Climatic condition , Soil , methods of cultivation , processing and distribution.		
		Rivision		
		FIRST SEMESTER EXAMINATION	SEPTEMBER	

11	India - Agriculture	(Pulses , Oilseeds & Sugarcane)- Climatic , methods of cultivation , processing and distribution.	September	4
		(Cotton and Jute)- Climatic condition , Soil , methods of cultivation , processing and distribution.		
		(Tea and Coffee) - Climatic condition , Soil , methods of cultivation , processing and distribution.		
12	India - Industries	Manufacturing Industries - Importance and classification of industries	October	4
		Agro based industries - Sugar , textiles		
		Manufacturing Industries - Mineral based		
		Iron and steel (TISCO , Bhilai , Rourkela Vishakapatnam) ,Petrochemical and electronics		
13	India - Means of Transport	India - Transport	November	4
		Importance and modes		
		Advantages and disadvantages		
14	Impact of Waste Accumulation and Toposheet map	Impact of waste accumulation- spoilage of landscape , pollution , health hazards , effects on terrestrial , aquatic life	December	1
	Need for Waste Management and Methods of Safe Disposal	Methods of safe disposal -Segregation ,dumping and composting		
	Need and Methods for Reducing , Reusing and Recycling Waste	Need and methods for reducing , reusing and recycling waste		
	MODEL EXAMINATION (1st and 2nd semester)			