

St. Xavier's School



Syllabus and Lesson Planner

Class	IX	Syllabus		
Subject	Geography	Syllabus		
Ch. No.	Name of Chapter	Topic	Month	Week
1	The Earth as a Planet	The Solar System	April	1
		Earth - A unique Planet		
		The Shape of the Earth		
		The Earth as the Home of Humankind		
2	The Geographic Grid- Latitudes and Longitudes	Concept of Latitudes	April	2
		Concept pf Longitudes		
		International Date Line		
		Calculation of time		
		Great circles and small circles		
3	Rotation and Revolution	Rotation	May	1
		Revolution		
		Inclination of Earth's Axis		
		Solstices and Equinoxes		
		Physical map of the world		
4	Structure of the Earth and Rocks	Interior of the Earth	June	2
		Layers of the Earth (Core , Mantle, Crust)		
		Rocks(Igneous , Sedimentary and Metamorphic)		
5	Landforms of the Earth	Mountain, Plateau, Plains(defination, types and their formation)	July	1
		Mountains- Fold , residual and blocks		
		Plateaus - Intermont and volcanic		
		Plains - Structural and depositional		
6	Volcanoes & Earthquakes	Meaning, Types- active, dormant and extinct	July	2
		Effects- Constructive and destructive		
		Important volcanic zones of the world		
		Meaning , causes, measurement and effects		
		Earthquake zones of the world		
7	Weathering and Denudation	Meaning , types and effect of weathering	August	1
		Physical Weathering		
		Chemical Weathering		
		Biological Weathering		
		Meaning and agents of denudation; work of river and wind		
		Stages of river courses and associated landforms-		
		V-shaped valley, warterfall, meander and delta		

		Wind - Deflation and sanddunes.		
	Map work	Physical map of the world	July & August	4
FIRST SEMESTER EXAM				
8	Hydrosphere	Meaning of Hydrosphere	Septemb	4
		Tides- formation and pattern		
		Ocean Currents -Their circulation pattern and effects		
		(Gulf Stream, North Atlantic Drift Labrador Current , Kuroshio and Oyashio)		
9	Earth's atmosphere and insolation	Troposphere , Stratosphere, Ionosphere and Exosphere	October	2
		Ozone in the Stratosphere , its depletion		
		Global warming and its impact		
		Meaning of insolation and terrestrial radiation Factors effecting temperature		
10	Atmospheric Pressure and Winds	Meaning and factors that affect atmosperic pressure , major pressure belts of the world	Novemb er	3
		Factors affecting direction and velocity of wind- pressure gradient , Coriolis Effect		
		Permanent winds		
		Periodic winds		
		Local winds		
		Variable winds		
		Jet streams		
11	Humidity & Rainfall	Humidity - meaning and differences between relative and absolute humidity	Decemb er	1
		Forms of condensation and precipitation		
		Types of rainfall , with examples from different parts of the world		
12	Pollution- Types and Sources Effects and prevention	Types of pollution -air,water, soil radiation, noise	January	2
		Sources of pollution		
		Effects of pollution - on the environment and human health		
		preventive measures		
13	Natural Regions of the World	Location , area , climate , natural vegetation and human adaptation.	January	3
		Equatorial region ,Tropical Grassland, Tropical deserts, Tropical monsoon region, Mediterranean region, Temperate Grassland , Taiga region and tundra region.		
	Map Work (Both the Semester) Revision for Second Semester	The major natural regions of the world	February	1
		The oceans , seas , Gulfs and straits	February	
		Rivers , Mountains , plateaus (of the world)		
		SECOND SEMISTER EXAM	FEBRUA RY	