

**St. Francis Xavier's College**  
**Course Outline for F.2 Geography (2023-2024)**

Cycle	Topic	Teaching Objectives	Assignment
1	<b>TEXTBOOK: Living with Natural Hazards</b>	<input type="checkbox"/> Introduction of F.2 Geography <input type="checkbox"/> Definition of natural hazards <input type="checkbox"/> Global distribution of some natural hazard	Pre-lesson: News research and sharing
2	<b>First Hazard - Typhoons</b>	<input type="checkbox"/> Understand the difference between weather and climate <input type="checkbox"/> Learn how to read the weather charts and describe the weather conditions shown <input type="checkbox"/> Understand the formation, causes and impacts of typhoons	<ul style="list-style-type: none"> <li>- Workbook</li> <li>- MySmartSTEAM -RIVERS of Zambia</li> </ul>
3			
4		<b>Geographical terms / concepts:</b> Elements of weather / Temperature / Precipitation / Air pressure / Hectopascal (hPa) / Wind direction / Wind speed / Relative humidity / Cloud amount / Weather chart / Fog / Snow / Showers / Drizzle / Thunderstorm / Isobar / Calm / Subtropical monsoon climate / Climatic graph / Onshore wind / Offshore wind / Pressure system / Convection / Tropical cyclone	
5	<b>Second Hazard - Slope Failure</b>	<input type="checkbox"/> Identifying relief features <input type="checkbox"/> Calculation of slope gradient <input type="checkbox"/> Understand the formation, causes and impacts of landslides	<ul style="list-style-type: none"> <li>- Map Reading book</li> <li>- Unit Summary</li> <li>- Workbook</li> <li>- Assignment I</li> </ul>
6			
7			
8	<b>Third Hazard - Earthquakes</b>	<input type="checkbox"/> Understand the formation, causes and impacts of earthquakes <input type="checkbox"/> Learn the preventive and remedial measures to reduce their impacts	<ul style="list-style-type: none"> <li>- MySmartSTEAM - Gliding Across the Gobi</li> <li>- MySmartSTEAM - Living with a Volcano</li> <li>- Unit Summary</li> </ul>
9		<b>Geographical terms / concepts:</b> Tectonic hazard / Crust / Mantle / Core / Plate movement / Plate boundary / Convection currents / Seismic wave / Focus / Epicentre / Depth of focus / Earthquake zone / Circum-Pacific Belt / Alpine-Himalayan Belt / Richter scale / Modified Mercalli scale / Aftershock / Primary effect / Secondary effect / Effect of earthquakes	

		/ Seismometers / Shock-proof / Evacuation route / Emergency assistance	- Workbook
10	6.1 How and Why do the effects of natural hazards vary among countries with different levels of economic development? 6.2 Why do people still choose to live in areas affected by natural hazards?	<input type="checkbox"/> The relation between the Level of Development and the Level of Destruction and Recovery Speed <input type="checkbox"/> Factors affecting the Level of Destruction and Recovery Speed <input type="checkbox"/> Factors affecting people's decisions: Locational Advantages and Locational Disadvantages	
<b>Exam Period + Discussion of Paper</b>			
11	Paper Checking	<input type="checkbox"/> Understand the process of the water cycle	Unit Summary
12	<b>TEXTBOOK: The Trouble with Water</b>	<input type="checkbox"/> Understand the global distribution of water resources	Workbook
13		<input type="checkbox"/> Understand the causes and impacts of flooding and drought in China	Interpretation of Climate Graph
14		<input type="checkbox"/> Understand the measures taken to alleviate the drought in China	MySmartSTEAM - One Village makes a Difference
15			Pre lesson: Study of China's Weather
16		<b>Geographical terms / concepts:</b>	( <a href="http://www.weather.com.cn">http://www.weather.com.cn</a> )
17		Water cycle / Transpiration / Precipitation / Interception /	Unit Summary
18		Infiltration / Evaporation / Condensation / Surface runoff /	
19		Groundwater / River basin / Drainage basin / Watershed / Amazon	
20		River Basin / Tributary / Ridge / Upper course / Middle course / Lower course / Cross section / Long profile / River source / River mouth / Chang Jiang / Huang He / Zhu Jiang / Glacier / Onshore wind / Monsoon / Typhoon / Water problems / Flooding / Overflow / River bank / Drought / Water pollution / Discharge / Property / Infrastructure / Outbreak / Hydro-electric power (HEP) / Deposition / Sediment / Deforestation / Impermeable / Concrete / Reclamation of lake / Dyke	

18	<b>4.1) What has happened to the area of desertified in northern China in recent years</b> <b>4.2) What has been done to keep desertification in check?</b>	- Changes in desertified land in China in recent years - Mitigation and adaptation measures taken by the Central government to combat desertification	Pre-lesson task Worksheet 8: China desertification control achievement Post-lesson task Revision Worksheets Unit 8
19		<b>Geographical terms / concepts:</b>	
20		Windbreak/ shelter belt/ afforestation/ straw checkerboard/ rotational grazing/ biodiversity/ drip irrigation/ drought-resistant crop/ reforested area/ cash crop/ agribusiness/ ecotourism	
21	<b>Revision</b>	<input type="checkbox"/> Map-reading skills <input type="checkbox"/> Textbook 4, 5	- Map reading book
<b>Exam Revision Buffer</b>			

#### A. Assessment Mode and Weighting

<b>Form 2</b> 1 <sup>st</sup> Term	MySmartSTEAM	5%	<b>Form 2</b> 2 <sup>nd</sup> Term	MySmartSTEAM	5%
	Homework	10%		Homework	10%
	Folder-Checking	5%		Folder-Checking	5%
	1 <sup>st</sup> Term Regular Test	10%		2 <sup>nd</sup> Term Regular Test	10%
	Exam	70%		Exam	70%