La Salle College

Geography Programme Outline Form 2

2024-2025

I Course Aims & Objectives

Knowledge: to acquire knowledge about the environment and the spatial distribution of phenomena around us through enquiring and investigating issues and phenomena.
Skills: to apply basic numeral skills, such as interpreting and producing graph and charts, and calculations, in geographical contexts.
Value: to arouse students' interest, and thus concerns, to environmental and social issues at both local and global levels.

II Course Outline

First term: Living with natural hazards (Book 5)

Key questions	Concepts / knowledge	Skills
1. **Are we living in a hostile world? (5.1)** ● What are the major natural hazards of the world? ● Where do they commonly occur?	● Major natural hazards of the world ● Global distribution of major natural hazards	● Use Google map ● Use GIS
2. **Why does most of Asia suffer from strong winds and heavy rain in summer? (5.4)** ● What are weather and climate? ● What are the climatic characteristics of South China? ● What are the weather conditions brought by typhoons? ● What are the causes of typhoons? ● What are the effects of typhoons? ● How do Asian people prepare for and respond to typhoons?	● Climate of Hong Kong and South China ● Conditions for the formation of tropical storms ● Characteristics of storms and related weather condition ● Effects of the storms (e.g. flooding, landslides, storm surges) ● Mitigation measures ● Specific example: the Philippines	● Read and draw climatic graph ● Calculate mean temperature, annual range of temperature and total rainfall ● Identify the symbol of typhoon in a weather map ● Map reading skills : ● direction ● scale ● measuring distance
3. **Why do our slopes collapse? (5.2, 5.3)** ● What are landslides? ● How do landslides affect us? ● Why do slopes collapse? ● What are the causes of landslides in Hong Kong? ● How do we prepare for and respond to landslides?	● Relief of Hong Kong (an example) ● Causes of landslides in Hong Kong and their impacts on Hong Kong people ● Mitigation measures	Map reading skills (with map reading Book 2) ● vertical interval ● gradient ● vertical exaggeration ● cross section ● contour lines (steep / gentle slope, valley / spur)
4. **Why does our land shake violently? (5.5)** ● What are the effects of earthquakes? ● Why do earthquakes happen? ● Where do earthquakes occur? ● How do people prepare for and respond to earthquake?	● Name of continents and oceans, their distribution ● Where do earthquakes occur? (The global distribution of earthquakes and its relationship with plate boundaries) ● The damages caused by earthquakes ● Mitigation measures ● Specific examples: Sichuan/ Haiti/ Sendai	● Use Google map ● Read satellite images and online information

5. **Why are some people (LDCs) more vulnerable than we are (MDCs)? (5.6)** ● How and why do the effects of natural hazards vary among countries with different levels of economic development? ● Why do some people still choose to live in hostile areas affected by natural hazards?	● A comparison of the impacts of natural hazards and the respective preventive and remedial measures adopted by in the more developed and the less developed regions ● Reasons for the people of the less developed regions being more vulnerable to natural hazards than those living in more developed regions ● Reasons for people choose to stay in, or are unable to move away from hostile areas affected by natural hazards	

Second Term: The trouble of water (Book 4)

Key questions	Concepts/ knowledge	Skills
1. **Is there enough water for the whole world?** ● How much water do we have? ● Where does freshwater come from? ● How are the freshwater resources distribution globally? ● What is the threat to global freshwater resources?	● Distribution of freshwater on the earth ● Water cycle ● Threat to the global freshwater resources	● Graph reading: Pie chart ● Reading a flow diagram ● Map-reading skills: Describing the distribution pattern; reading distribution map
2. **How are the water problems in China related to its freshwater resources?** ● What are the water problems in China? ● Where are the freshwater resources in China? ● Where are the wet and dry regions in China? ● What influences precipitation in China? ● How is precipitation related to freshwater resources and China's water problems?	● Major water problems in China ● Distribution of freshwater resources in China ● Wet and dry regions in China ● Factors influencing precipitation in China (monsoon climate and distance from the sea) ● Relationship between precipitation, freshwater resources and water problems in China	● Data interpretation ● Map-reading skill: Reading distribution maps ● Graph reading: Climatic graph
3. **Why has the water scarcity problem been worsening in China?** ● Why is the demand for freshwater increasing? ● Why is the supply of clean freshwater decreasing?	● Factors leading to the increasing demand for freshwater in China ● Factors leading to the decreasing supply of clean freshwater in China	● Graph reading: Line graph with two axes; divided/stacked bar graph; bar graph ● Map interpretation ● Writing skill: Answering with evidence
4. **What problems does drought bring to China?** ● What is drought? ● What are the impacts of drought in China? ● Where does drought usually occur in China? ● What are the courses of drought in China?	● The various aspects of drought in China: - Definition - Impact - Distribution - Causes	● Map-reading skill: Describing the general distribution pattern ● Graph interpretation: Bar graph ● Reading a flow diagram
5. **What are the ways of tackling water scarcity and drought in China?** ● What has China done to ease water scarcity and drought? ● Is large-scale water transfer project a good solution? ● What can we learn from the experience of Singapore?	● Measures to ease the problem of water scarcity and drought in China ● Large-scale water project: South-North Water Transfer Project ● The experience of Singapore in dealing with the problem of water scarcity	● Photo reading: Water-saving measures ● Summarising information in table form ● Data interpretation ● Graph reading: Bar graph
6. **What problems does flooding bring to China?** ● What is flooding? ● What are the impacts of flooding in China?	● The various aspects of flooding in China: - Definition - Impact	● Writing skill: Answering with photo evidence

● Which areas of China are prone to flooding? ● What are the courses of flooding in China?	- Distribution - Causes	● Map-reading skill: Comparing two distribution maps ● Map-reading skill: Reading a cross-section ● Photo reading: Identifying the change in satellite images
7. **What are the ways of controlling flooding in China?** ● How can the flooding problem in China be eased? ● Is large-scale flood control project a good solution?	● Measures to ease the problem of flooding in China ● Large-scale flood control project: The Three Gorges Dam (Sanxia) Project	● Photo reading ● Graph reading: relief map and climatic graph ● Map-reading skill: Contour map

III. Assessment

A. School Based Assessment (SBA)

Refer to Student Handbook (2024-2025) for Homework policy (p.19), AI Policy (p.20-21)

Date	Components	Requirements	Assessment Criteria	Marks
Term 1: 4-8 Nov 24 **Term 2**: 29 Apr - 9 May 25	Uniform Test	- MC questions - Data-based questions	Understanding and application of geographical knowledge, concepts and skills	**10**
Term 1: Sept – Nov **Term 2**: Jan – Apr	Group project	- Research on an issue found in a specific area with suitable IT and/ or GIS skills - Present the findings with suitable apps/ media	Collaborative skills, communication skills, presentation skills, IT skills, understanding and application of geographical knowledge, concepts and skills	**6**
Term 1: Sept – Nov **Term 2**: Jan – Apr	Daily performance	- Workbook	Geographical concept/ skills, learning attitude, self-directed learning skill, punctuality	**4**
			Total	**20**

B. Examinations

Refer to Student Handbook (2024-2025) for Assessment and examination regulations (p.23-27)

Exam	Date	Paper	Composition	Weighting	Duration
Mid-year	Jan 2025	Written paper	MC questions Data-based questions	80%	**45 mins**
Final	Jun 2025	Written paper	MC questions Data-based questions	80%	**45 mins**

C. Weighting of the report card

Report total (100%) = SBA (20%) + Examination (80%)

IV. Other Information & Useful Resources

Textbooks:

Junior Secondary Exploring Geography (Book 5) Living with natural hazards (and workbook)

Junior Secondary Exploring Geography (Book 4) The trouble of water (and workbook)

Junior Secondary Exploring Geography Map Reading Skills 1 and 2

Online resources: (to be prescribed by subject teacher during the course)