

St. Francis Xavier's College
NSS Geography
Reminders for S4 students in 2023-2024

Assessment Mode and Weighting:

		Form 4	
1 st Term	<input type="checkbox"/>	10% RT	
	<input type="checkbox"/>	10% Assignments	
	<input type="checkbox"/>	5% Classroom performance	
	<input type="checkbox"/>	5% Mid-term quiz	
	<input type="checkbox"/>	70% First Term Examination	
2 nd Term	<input type="checkbox"/>	10% RT	
	<input type="checkbox"/>	10% Assignments	
	<input type="checkbox"/>	5% Classroom performance	
	<input type="checkbox"/>	5% Mid-term quiz	
	<input type="checkbox"/>	70% Second Term Examination	

First Term:

Cycle	Date	Unit	Teaching Objectives	Assignment
1	Oxford NSS Geography Book 1 Chapter 1 – Opportunities and risks – Is it rational to live in hazard-prone areas?			
	4 Sept – 14 Sept	Unit 1.1 Unit 1.2	<ul style="list-style-type: none"> - Brief description of the internal structure of the earth - The names and types of major plates and plate boundaries in the world, as well as their distribution - The reasons why do plates move - The major internal forces at different plate boundaries - The major internal processes and resulting landforms/features - Volcanism and the resultant landforms/features 	Revision Exercises Past Paper Exercises
2	15 Sept – 25 Sept	Unit 1.3	- The major landforms/features found at different plate boundaries (fold mountains, volcanic island arcs, ocean trench, volcano, midoceanic ridge and rift valley)	
3	26 Sept – 5 Oct	Unit 1.4	- The relationship between plate movement and natural hazards	
4	6 Oct - 17 Oct	Unit 1.5	<ul style="list-style-type: none"> - Effects of earthquakes (primary and secondary effects), volcanic eruptions and tsunamis on human beings and the environment - Measures used to reduce the effects of earthquakes, volcanic eruptions and tsunamis (e.g. monitoring, predicting and warning systems for natural hazards, various disaster mitigation and preparation strategies, land use zoning) - Effectiveness of the above measures - The reasons for less developed areas being more vulnerable to natural hazards than more developed areas (e.g. literacy level and awareness of the people, and socio-economic and technological gaps) 	
5	18 Oct –	Unit 1.6	<ul style="list-style-type: none"> - The advantages and disadvantages of people living in hazard-prone areas - Essay-writing teaching 	

	27 Oct			
6	30 Oct – 7 Nov	Oxford NSS Geography Book E1 – Dynamics Earth : The building of Hong Kong		
		Unit 8.1 Unit 8.2	<ul style="list-style-type: none"> - Earth systems: interaction between the atmosphere, the lithosphere and the hydrosphere - The internal structure of the Earth and crustal movement - Rock cycle and formation (volcanism, sedimentation, metamorphism) - Geomorphology and geology of Hong Kong <ul style="list-style-type: none"> ■ Overall landform distribution ■ Rock types and their distribution in Hong Kong ■ Major geological features (folds and faults) in Hong Kong - Modification of Hong Kong landscapes by urban development 	Revision Exercises Past Paper Exercises
7	8 Nov – 16 Nov	Unit 8.3	<ul style="list-style-type: none"> - Internal processes including: <ul style="list-style-type: none"> ■ Folding ■ Faulting ■ Volcanism 	
8	17 Nov – 4 Dec	Unit 8.4	<ul style="list-style-type: none"> - External processes including: <ul style="list-style-type: none"> ■ Weathering ■ Erosion ■ Mass wasting 	
9-10	5 Dec – 20 Dec	Unit 8.5 Unit 8.6	<ul style="list-style-type: none"> - Geological resources – Reclamation materials <ul style="list-style-type: none"> ■ Sources of materials and their distribution ■ Environmental impact of the extraction of reclamation materials ■ Local example: Hong Kong International Airport - Geological hazard – Landslides <ul style="list-style-type: none"> ■ Causes of landslides in Hong Kong, including natural and human factors ■ Slope management and landslide prevention, e.g. strengthening slopes, restricting development on slopes, maintaining slopes, regular checking of slopes ■ Local example: Sham Wan Landslide 	
10	2 Jan	EXAM BUFFER AND FIRST TERM EXAMINATION		

Second Term:

Oxford NSS Geography Book 2 Chapter 4				
Building a sustainable city – Are environmental conservation and urban development mutually exclusive?				
11	19 Jan – 29 Jan	Unit 4.1 Unit 4.2	<ul style="list-style-type: none"> - Brief description of urban problems in Hong Kong (e.g. housing problems, transport problems and pollution) - Definition of urban growth and urbanisation - Causes of urban growth and urbanisation (e.g. natural increase of urban population, rural-urban migration, reclassification of areas previously defined as rural, changing employment opportunities, and economic and transport development) - Urban growth, urbanisation and the related change in the internal structure of a city - Cycle of urbanisation, suburbanisation, counter-urbanisation and reurbanisation - Processes involved in urban growth and development, including urban decay, urban sprawl and encroachment, urban redevelopment and renewal 	<p>Revision Exercises</p> <p>Past Paper Exercises</p>
12	30 Jan – 7 Feb	Unit 4.3	<ul style="list-style-type: none"> - Processes involved in urban growth and development, including urban decay, urban sprawl and encroachment, urban redevelopment and renewal 	
13	19 Feb – 28 Feb	Unit 4.4 Unit 4.5	<ul style="list-style-type: none"> - Problems brought by urban development - Measures to alleviate or solve the urban problems - Conflicts arising from solving urban problems 	
14	29 Feb – 11 Mar	Unit 4.6	<ul style="list-style-type: none"> - Definitions of “sustainable development and a “sustainable city” - Methods of developing a city into a sustainable one, e.g. better and careful planning of the city, regenerating and re-imaging the city - Price for developing a sustainable city - Relationship between urban development, socio-economic development, living standards and environmental conditions 	
15	12 Mar – 21 Mar	Unit 4.7	<ul style="list-style-type: none"> - Consequences of not developing a city in a sustainable way in the long run (i.e. aggravation of urban problems and the impact on human beings and the environment) 	
Oxford NSS Geography Book 1 Chapter 2				
Managing River and Coastal Environments: A continuing challenge				
16	22 Mar – 15 Apr	Unit 2.1	<ul style="list-style-type: none"> - A brief introduction of hydrological cycle: characteristics, stores and transfers 	<p>Revision Exercises</p> <p>Past Paper Exercises</p>
17	16 April – 24 April	Unit 2.2	<ul style="list-style-type: none"> - Features of a drainage basin, including watershed, source, mouth, channel network - Major erosional, transportation and depositional processes - Factors influencing the above processes 	Past Paper Exercises

18	25 April – 6 May	Unit 2.3	- Major landform features, including gorges, waterfalls and rapids, meanders and associated landform features, flood plains, levees, braids and deltas (using appropriate examples of the Mainland, e.g. Chang Jiang)	
19-20	7 May – 30 May	Unit 2.4	- Human activities on river environments - Impact and consequences: e.g. flooding, erosion and mass wasting, pollution, and disturbance / damage to the ecosystem - “Hard” and “soft” management strategies - Management issues, including evaluation of methods and strategies used, and their possible impact	
21	31 May – 5 June	EXAM BUFFER AND SECOND TERM EXAMINATION		