

YISHUN SECONDARY SCHOOL

Subject & Code: Geography

Level & Stream: Sec 1 (Express and Normal) - 2023

The Curriculum and Approaches to Learning	Key Programmes / Competitions
In line with the requirements of syllabus for Secondary One, the teaching of Geography at YSS focuses on an inquiry approach where students are given the opportunities to explore and construct their own knowledge. Through knowledge and skills prescribed in the curriculum, the subject provides students with unique ways of seeing and understanding selected physical and human phenomena and their related issues such as environmental and social issues. In addition, the curriculum identify applied learning opportunities in the field that students can actively apply the knowledge and skills they have learnt.	ICT-facilitated inquiry approach for Sec 1 Geographical Investigation to empower students in their own learning and stimulate an interest in the subject. Issue-based framework whereby students acquire an understanding of Geography through the study of significant environmental and human issues confronting Singapore and the world.

Term 1

Term 1 Week	Learning Experiences (Chapter and Activity)	Learning Outcomes and Assessment
1	Geography 2022 Wrap Up Target setting	
2 – 3	<p>Chapter 1: Introduction to Geography</p> <ul style="list-style-type: none"> What is Geography? <ul style="list-style-type: none"> What is Physical Geography? What is Human Geography? How do Geographers Understand the World? <ul style="list-style-type: none"> What are Geographical Concepts? What is Geographical Inquiry? <p>Chapter 2: How can we sustainably manage natural resources?</p> <ul style="list-style-type: none"> What is a Resource? What is a Natural Resource? How Do People's Views Affect the use of Natural Resources What Does Sustainable Use of Natural Resources Mean? How Can We Use Natural Resources Sustainably? 	<p>Students will be able to:</p> <ul style="list-style-type: none"> Elaborate on geographical concepts (place, space, scale). State what natural resources are. Describe different types of natural resources.

4	<p><i>CNY Week</i></p> <ul style="list-style-type: none"> What is a Water Budget? (Self-directed learning using SLS) 	* SLS Lesson on Water Budget for Express Students
4 – 5	<p>Chapter 3: Water and its Spatial Distribution</p> <ul style="list-style-type: none"> What are the Physical States of Water? Where is Water Found? What is the Hydrological Cycle? 	<p>Students will be able to:</p> <ul style="list-style-type: none"> Identify the physical states of water. Describe the distribution of various water stores using maps or schematic diagrams.
6 – 8	<p>Chapter 4: Sustainable Management of Water</p> <ul style="list-style-type: none"> What Relationship Does Water Have with the Environment and People? <ul style="list-style-type: none"> How do Variations in Precipitation affect the availability of water? How does water support river ecosystems? How do people use water/ How do Human Actions Lead to Water Pollution and Its Associated Impact? 	<p>* To give practice paper for revision (needs to be marked, feedback given and returned before WA1 2023)</p> <p>Students will be able to:</p> <ul style="list-style-type: none"> Describe how the availability of water changes due to variations in precipitation using schematic diagrams or texts. Describe how water supports river ecosystems using schematic diagrams or texts. Describe how water is used by people using images or texts. Explain how human actions have led to water pollution and its associated impact using images or texts.
9	<p>Wk 9: Revision</p> <ul style="list-style-type: none"> Run through WA 1 2022 Paper Introduction to Marina Barrage LJ 	
10	<p>WA1 (7 Mar 2023)</p> <ul style="list-style-type: none"> Topics covered on Water and its Spatial Distribution 	

Term 2

Term 2 Week	Learning Experiences (Chapter and Activity)	Learning Outcomes and Assessment
1 -2	<ul style="list-style-type: none"> World Water Day 2023 Theme: Accelerating Change WA1 error analysis addressing and gaps and feedback loop How can Water be Managed Sustainably? 	<p>LJ TO Marina Barrage</p> <p>Students will be able to:</p> <ul style="list-style-type: none"> Explain the strategies taken to sustainably manage water resources in Singapore and other countries using texts or images. Evaluate the strategies taken to sustainably manage water resources in Singapore and other countries using texts or images. Explain how human actions have led to water pollution and its associated impact using images or texts. Reflection on WA1 performance and addressing gaps.
3	Geography Revision Sustainable Management of Water	
4	WA2 (11 April 2023) Topics covered on Sustainability of Water Management	
4 - 6	Introduction to GI – Water Testing at Sungai Seletar Reservoir <ul style="list-style-type: none"> Framing the GI Pose geographical questions Use appropriate data collection methods Introduction of site Water testing kit Research and entry of info on the site 	<p>Students will be able to:</p> <ul style="list-style-type: none"> Apply the concept of scale, place and space in framing their geographical inquiry. Suggest and design appropriate data collection methods.
7	<ul style="list-style-type: none"> WA2 error analysis addressing and gaps and feedback loop 	<p>Reflection on WA2 performance and addressing gaps.</p>

8 -10	<ul style="list-style-type: none"> • Learning Fest (25-27 April) • GI at Lower Seletar Reservoir • Compare data and analyse findings • Complete GI entry 	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Reflect on their findings, thinking and take/suggest actions. • Evaluate data collection methods and comment to improve the process.
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Term 3

Term 3 Week	Learning Experiences (Chapter and Activity)	Learning Outcomes and Assessment
1-2	Buffer Week / Submission of GI Group Project <ul style="list-style-type: none"> Design slides as class presentation on GI project. To take up ownership of the waterway and recommend strategies to benefit the Yishun Pond, Sungai Seletar Reservoir and the Yishun community 	<ul style="list-style-type: none"> Suggest ways to improve the investigation. Propose ways to improve the relationship between the phenomenon and people.
2-3	Chapter 5: Spatial Distribution of Tropical Rainforests and Mangroves <ul style="list-style-type: none"> What are Mangroves and Where Are They Found? What are the Characteristics of Mangroves? How have Plants in Mangroves Adapted to their Environment? 	
4-5	Chapter 5: Spatial Distribution of Tropical Rainforests and Mangroves <ul style="list-style-type: none"> What are Tropical Rainforests and where are they found? What are the characteristics of Tropical Rainforests? How have Tropical Rainforests adapted to their environment? 	Students will be able to: <ul style="list-style-type: none"> Describe the conditions for the growth of tropical rainforests and mangroves using graphs or table. Explain the adaptations of tropical rainforests and mangroves using images or field sketches. Compare the adaptations between tropical rainforests and mangroves using images or field sketches.
6	<ul style="list-style-type: none"> GI Submission Timed Practice during curriculum time on Spatial Distribution of Rainforest. 	
7 - 9	Chapter 6: Sustainable Management of Tropical Rainforests and Mangroves <ul style="list-style-type: none"> What relationships do tropical forests have with the environment and people? Timed-Practice error analysis addressing and gaps and feedback loop 	Students will be able to: <ul style="list-style-type: none"> Describe the environmental functions of tropical rainforests and mangroves in the environment.
10	<ul style="list-style-type: none"> Trend skills 	Students will be able to <ul style="list-style-type: none"> Comment on the overall trend. Describe the trend using data given and descriptive words.

Term 4

Term 4 Week	Learning Experiences (Chapter and Activity)	Learning Outcomes and Assessment
1 – 2	Revision for EOY (SA)	<ul style="list-style-type: none">• HEG and Past YSS papers.• Focus on unpacking of questions, identification of keywords/command words and weighting of marks.• Practice on answering different types of questions.
3 – 4	End of Year Examinations (SA)	
5	Exam script checking and review of SA papers	
6	Release of Self-directed EOY Holiday Assignment on SLS	

** All information is correct at the time of publication and may be subjected to change.*