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SS Geography Courses 2019-2020

Topic Description and Course Programme for 1-Day Courses

Topic Summary

Topics	Field Sites
1. Perception Study of Natural Hazards in Cheung Chau	Cheung Chau
2. Exploring the Coast in Cheung Chau	Cheung Chau coastal area
3. Physical Environment of Cheung Chau	Little Great Wall to Nam Tum, Cheung Chau
4. Drifting Classroom	River Silver, Mui Wo
5. Changing Industrial Location -- Wong Chuk Hang	Wong Chuk Hang
6. Urban Development in Cheung Chau (Previous name: Sustainable Development in Cheung Chau)	Cheung Chau downtown
7. Agricultural System in Mui Wo	Mui Wo
8. Studies of Island Weather	Cheung Chau
9. Traffic and Pedestrian Flow Studies	Cheung Chau downtown

Choice of Topics

Teachers can choose **EITHER** topic from the above.

Topic Description

1. Perception Study of Natural Hazards in Cheung Chau

- Knowledge: - to understand the major natural hazards in Hong Kong
 - to evaluate the perception of Hong Kong citizens on natural hazards
 - to analyze the responses of Hong Kong citizens on natural hazards
- Skills: - to test hypothesis
 - to apply sampling methods in data collection
 - to use data collection methods such as questionnaire, interview and scoring
- Values: - to understand the role of human in complex man-land relationships

2. Exploring the Coast in Cheung Chau

- Knowledge: - to identify the characteristics of coast and the coastal landform features
 - to examine the factors and processes in shaping the coast
- Skills: - to exercise different sampling methods
 - to apply various data collection methods e.g. drawing field sketches and using field equipment for measurement
 - to draw beach profile for processing and presenting the morphological data

3. Physical Environment of Cheung Chau

- Knowledge: - to observe the geology of Cheung Chau
 - to understand the physical landscapes along Little Great Wall to Nam Tum in Cheung Chau in relation to internal and external processes
- Skills: - to practice geological fieldwork techniques
- Values: - to appreciate and cherish the invaluable geological resources

4. Drifting Classroom

- Knowledge: - to identify the characteristics of river courses and the associated landforms
 - to relate the exogenetic fluvial processes with the characteristics of river courses and the associated landforms
 - to analyze how human factors (river management measures and land use) affect the characteristics of river courses
- Skills: - to collect field data by appropriate equipment
 - to draw cross-section
- Values: - to appreciate the beauty of the nature

5. Changing Industrial Location -- Wong Chuk Hang

- Knowledge: - to understand the present situation of manufacturing and non-manufacturing activities in the study area
- to analyze the change of manufacturing activities and the locational factors of Wong Chuk Hang
- Skills: - to use appropriate sampling methods to improve the representativeness and reliability of data collected
- to use various fieldwork strategies to collect first-hand data e.g. land use mapping, categorizing and counting, observation and recording
- to use appropriate statistical graphs to display quantitative data

6. Urban Development in Cheung Chau (Previous name: Sustainable Development in Cheung Chau)

- Knowledge: - to investigate the relationship between urban problems and distance of town center of study area
- Skills: - level of urban decay assessment
- to draw choropleth maps
- Values: - to develop students' awareness of urban problems and sustainable development

7. Agricultural System in Mui Wo

- Knowledge: - to understand agricultural system (conventional farming and hydroponic)
- to examine how urban development affects agricultural activities
- Skills: - to identify inputs, processes and outputs of different agricultural systems
- to classify land use in various agricultural areas
- to conduct laboratory works of water samples
- to analyze second-hand data
- Values: - to develop students' awareness of the development of sustainable agriculture

8. Studies of Island Weather

- Knowledge: - to understand the weather elements and the factors contributing to the weather differences
- to examine how the natural factors and human activities affect weather
- Skills: - to use different field equipment to measure weather elements
- to compare the weather data of different field sites in Cheung Chau
- to draw broken-line graph of different weather data
- Values: - to be sensitive to the changing environment around us

9. Traffic and Pedestrian Flow Studies

- Knowledge: - to understand the relationship between location, transport system and logistics
- Skills: - to understand the pros and cons of transport planning and management
- Skills: - to investigate the pros and cons of transport planning and management through conducting survey, data collection and comparison, etc. with the use of fieldwork equipment
- Values: - to show concerns about the transport problems and try to make suggestions towards sustainable transport development

Course Programme

Course with field sites at Cheung Chau (Topic 1, 2, 3, 6, 8, 9)

Time	Course Programme
08:40am - 09:15am	<i>Fast ferry from Central to Cheung Chau</i>
am session	<u>09:15am – 09:30am</u> ♦ Walk to St. Paul Campus <u>09:30am – 11:00am</u> ♦ Fieldwork briefing <u>11:00am – 12:30pm</u> ♦ Fieldwork
12:30pm - 01:30pm	<i>Lunch (Cheung Chau downtown)</i>
pm session	<u>01:30pm – 01:45pm</u> ♦ Walk to St. Paul Campus <u>01:45pm – 04:15pm</u> ♦ Data analysis, debriefing and evaluation
04:45pm - 05:20pm	<i>Fast ferry from Cheung Chau to Central</i>

Course with Field Sites at Mui Wo (Topic 4, 7)

Time	Course Programme
08:30am - 09:20am	<i>Ordinary ferry from Central to Mui Wo</i>
am session	<u>09:30am – 10:15am</u> ♦ Fieldwork briefing <u>10:30am – 12:00pm</u> ♦ Fieldwork
12:15pm - 12:45pm	<i>Inter Islands ferry from Mui Wo to Cheung Chau</i>
12:45pm - 01:45pm	<i>Lunch (Cheung Chau downtown)</i>
pm session	<u>01:45pm – 02:00pm</u> ♦ Walk to St. Paul Campus <u>02:00pm – 04:15pm</u> ♦ Data analysis, debriefing and evaluation
04:45pm - 05:20pm	<i>Fast ferry from Cheung Chau to Central</i>

Course with field sites at Wong Chuk Hang (Topic 5)

Option 1: Half-day course (AM)

Time	Course Programme	Venue
09:30am	♦ Gather at Exit A of Wong Chuk Hang MTR Station	
09:45am – 10:30am	♦ Fieldwork briefing	Wong Chuk Hang Recreation Ground
10:30am - 12:00pm	♦ Fieldwork	Wong Chuk Hang
12:00pm – 13:00pm	♦ Discussion, debriefing and evaluation	Wong Chuk Hang Recreation Ground

Option 2: Half-day course (PM)

Time	Course Programme	Venue
01:30pm	♦ Gather at Exit A of Wong Chuk Hang MTR Station	
01:45pm – 02:30pm	♦ Fieldwork briefing	Wong Chuk Hang Recreation Ground
02:30pm - 04:00pm	♦ Fieldwork	Wong Chuk Hang
04:00pm – 05:00pm	♦ Discussion, debriefing and evaluation	Wong Chuk Hang Recreation Ground

Option 3: Whole-day course

Time	Course Programme	Venue
09:30am	♦ Gather at Exit A of Wong Chuk Hang MTR Station	
09:45am – 10:30am	♦ Fieldwork briefing	Wong Chuk Hang Recreation Ground
10:30am - 12:00pm	♦ Fieldwork	Wong Chuk Hang
12:00pm – 02:00pm	<i>Lunch and travel to the participating school</i>	Wong Chuk Hang Recreation Ground
02:00pm – 04:00pm	♦ Discussion, debriefing and evaluation	Participating School

Remarks: Our centre reserves the right to change the field programme and the field sites due to any unforeseeable circumstances.

✚ Ferry Schedule

Teachers and students are recommended to take the following ferries:

- ◆ Central to Cheung Chau: Fast ferry: 08:00am OR 08:40am (35 minutes)
- ◆ Cheung Chau to Central Fast ferry: 04:45pm (35 minutes) OR
Ordinary ferry: 05:15pm (55 minutes)

(Boarding location: Cheung Chau Ferry Pier)

- ◆ Cheung Chau to Aberdeen 05:00pm (55 minutes)

(Boarding location: Cheung Chau Public Pier)

Remarks:

Special transportation arrangement for the course “Drifting Classroom (Topic 4)”, “Agricultural System in Mui Wo (Topic 7)” and “Changing Industrial Location -- Wong Chuk Hang (Topic 5)”. Please refer to P.5 to 6 for details.

✚ Centre Campus Map



聖方濟校園：香港長洲芝蔴坑路39號

St. Francis Campus : 39 Chi Ma Hang Rd, Cheung Chau, Hong Kong

聖保祿校園：香港長洲長洲地段1139號龍仔村

St. Paul Campus : C C Lot No. 1139, Lung Tsai Tsuen, Cheung Chau, Hong Kong