Upper Secondary Elective Geography

Parent Briefing and Workshop
30th January 2016
What did you study in Geography?

Sabah earthquake

The 6.0-magnitude earthquake at 7:15am yesterday rocked parts of the Malaysian state of Sabah.

South China Sea

Mount Kinabalu

Kota Kinabalu

Bandar Seri Begawan

EPICENTRE
Depth: 10km

Sandakan

Tawau

Sources: USGS; Reuters
What does your child study in Geography now?

NUDE TOURISTS VS THE VOLCANO
Geography Syllabus Aims

Gains geographical insights into future challenges through the study of current issues and their management.

Communicates effectively through the use of ICT.

Reaches a decision through critical thinking, analysis and evaluation of geographical issues.

Provides multiple perspectives on issues.

Assesses issues concerning the environment and promotes sustainable development.

Proposes solutions to problems.

Questions and thinks reflectively through the inquiry approach in the learning of geography.

Acquire geographical skills to enable lifelong learning.

Perseveres in the quest for answers and solutions to challenges brought about by the Earth's dynamism and complexities.

Respects diversity in beliefs and culture.

Appreciates the interdependence and fragility of the local and global environment.

Enhances a sense of responsibility towards the Earth and its ecosystem.
Geography Elective Syllabus

• Covered in Secondary 3
• Chapters:
  – Tectonics
  – Weather & Climate
  – Geographical Investigation (Weather & Climate)

• Covered in Secondary 4
• Chapters:
  – Tourism
  – Food Resources
    (only for ‘O’ Level)
  – Geographical Investigation (Tourism)
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<thead>
<tr>
<th>Duration / Weightage</th>
<th>Section</th>
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| 1h 40 mins / 50 marks| **Section A** (13 marks) | Two structured questions on GI:  
• Global Tourism  
• Variable Weather and Climate  
1. One question will be set on each topic.  
2. Candidates must answer one question from this section |
|                      | **Section B** (12 marks) | Two structured questions on:  
• Global Tourism  
• Variable Weather and Climate  
1. One question will be set based on a specific topic.  
2. One question will be set on a combination of topics. |
### Assessment Format

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| 1h 40 mins / 50 marks| **Section C** (25 marks) | Two structured questions on:  
  - Living with Tectonic Hazards  
  - Food Resources  
  1. One question will be set on each topic.  
  2. Candidates must answer one question from this section |
# Test and Exam Schedule and Weightage (Sec 3E/TT/N)

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| **Total Marks** | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| **Time taken**  | 45mins 45mins 45mins 45mins 1 hour 45 min 1 hour 40 min 1 hour 15 min 1 hour 10 min 1 hour 45 min 1 hour 45 min |
| **Time frame**  | Term 1 Week 6 Term 1 Week 4 Term 1 Week 9 Term 1 Week 8 Term 2 Week 6 Term 2 Week 6 Term 3 Week 1 Term 3 Week 1 Term 3 Week 8 Term 3 Week 8 |
Programmes Conducted by Department

• Geographical Investigation Fieldwork
  – Secondary 3: November Conquer O Period
  – Secondary 4E/5N: June Conquer O Period

• Structured Remedial / Extended Curriculum

• Small Group Consultation
  (www.tinyurl.com/consultmrsclaratan)
Refer to Handout:
Extended Curriculum and Consultation Schedule (Semester 1 2016)
Strategies

• Geographical Inquiry Approach
• Students as Mentors during GI Fieldwork
• Basic Technique Skills
  – TEA (Trend, Examples, Anomalies)
  – PEA (Pattern, Examples, Anomalies)
• Assessment for Learning (AfL)
  – Peer Marking
  – Teacher gives comments (instead of marks) during daily assignments
Geographical Inquiry Approach

Sparking Curiosity (Formulate hypotheses or guiding questions)

Gathering Data (Identify & locate relevant data)

Geographical Inquiry Process

Reflective Thinking (Evaluate reliability of data; improve on data collection and analysis)

Exercising Reasoning (Interpret and analyse geographical data; present findings and analysis)
Students as Mentors during GI Fieldwork (new in 2016)
TEA (Trend, Examples, Anomalies)
TEA (Trend, Examples, Anomalies)

• **Trend / Example:** Slower increasing trend for the DCs from 1 million hectares global area of biotech crops in 1996 to 80 million hectares in 2013.

• **Trend / Example:** Rapid increasing trend for the LDCs from less than 1 million hectares in 1996 to almost 100 million hectares in 2013.

• **Trend / Example:** The trend for the DCs then started to slow down and remained at a constant of 80 million hectares from 2011 to 2013.

• **Trend / Example:** LDCs have a faster rate of increase in global area of biotech crops as compared to the DCs.

• **Trend / Example:** LDCs exceeded the global area of biotech crops of DCs from 2011 onwards.

• **Anomalies (if any):** No anomalies
THE GLOBAL OBESITY PROBLEM

Obese adults in population %
- 30 – 40%
- 20 – 30%
- 10 – 20%
- 5 – 10%
- 0 – 5%
- No data
• Pattern: The higher the level of development, the higher the percentage of people who are obese.

• Examples:
  – DCs like North America have a high percentage of 30-40% of people who are obese.
  – LDCs like Indonesia have a low percentage of 0-5% of people who are obese.

• Anomalies (if any): There are some countries like most part of Africa which has no data on the percentage of people who are obese.
Assessment for Learning (AfL)

Strength(s)

- Marking was clear and accurate.
- Suggested answer was taken down for classmate's future reference.
- Additional notes/skill techniques were taken down for classmate’s future reference.
- Number of ticks corresponded to the number of marks awarded at the left margin.
- Handwriting was legible.
- There was use of colour coding.
- There was use of clear headings.

Miss Clara Lim’s Comments on Area(s) for Improvement:

- Because a legend so that your classmate knows what each colour represents.
- Explain to your classmate why an e.g. is not required for this Q.

... Earthquakes can cause large destruction to buildings by the volcanic materials such as lava and rock fragments, destroying everything in its path. An example is the eruption of Kilauea in Hawaii in 1983 which destroyed many houses and highways...
HANDS-ON SESSION USING AMKSS PRELIM 3 PAPER 2014