

NPC Self Study Work 13<sup>th</sup> May 2020 (Geography 1A 1C)

S.1A S.1C	Geography	Watch a video about greenhouse effect <a href="https://www.youtube.com/watch?v=rirmB8hrND8&amp;feature=youtu.be">https://www.youtube.com/watch?v=rirmB8hrND8&amp;feature=youtu.be</a> and complete Part A and Part B below. Part A <b>E2 - Unit 3 (Causes of climate change)</b> Part B 1. Explain in 70 words what are the causes for climate change mentioned in the video. 2. Briefly describe in 30 words the 2 local and regional economic activities which bring big climate change to Hong Kong.  E-mail your work to <a href="mailto:tg@npc.edu.hk">tg@npc.edu.hk</a> on or before 19 <sup>th</sup> May, 2020. Name your WORD file ' <u>S1 Geography Video Report Climate Change</u> '. Remember to show your <b>name, class and class no.</b> in your file.	1 hr.	TG
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Part A

**E2 - Unit 3 (Causes of climate change)**

Complete the following questions to check your understanding on new concepts. Put a ✓ in the box against the correct answer. (10 marks)

- Which of the following is the source of heat for a greenhouse?  
A.  The glass wall of the greenhouse      B.  The sun  
C.  The plants inside the greenhouse      D.  The ground
- Greenhouse gases in the atmosphere \_\_\_\_\_ heat from the Earth and keep the Earth warm.  
A.  reflect      B.  transfer      C.  block      D.  absorb
- Which of the following is NOT an example of greenhouse gases?  
A.  Methane      B.  Oxygen  
C.  Carbon dioxide      D.  Water vapour
- Global warming is worsened when the level of greenhouse gases in the atmosphere \_\_\_\_\_.  
A.  increases remarkably      B.  decreases slightly
- Which of the following human activities does NOT increase the use of fossil fuels?  
A.  Industrial production      B.  Power generation  
C.  Agriculture      D.  Sea transport
- Cows produce a lot of \_\_\_\_\_ during the digestion process.  
A.  carbon dioxide      B.  methane      C.  water vapour      D.  CFCs

7. Waste treatment by landfill emits \_\_\_\_\_ .
- A.  carbon dioxide and CFCs      B.  methane and water vapour  
C.  methane and carbon dioxide      D.  water vapour and CFCs
8. Production and use of \_\_\_\_\_ are the main source of CFCs.
- A.  farming machinery      B.  refrigerants and aerosols  
C.  motor vehicles and airplanes      D.  light bulbs
9. Which of the following is the major source of local carbon emissions in Hong Kong?
- A.  Power generation      B.  Industrial production  
C.  Farming activities      D.  Mining
10. Besides the local carbon emissions, Hong Kong is also affected by the greenhouse gases emission from \_\_\_\_\_ .
- A.  Macau      B.  Taiwan  
C.  the Zhujiang Delta Region      D.  Hainan