

Curriculum (2016-2017)

Form 1

| Topics | | |
|--|--|---|
| Book 1 Using Urban Space Wisely | | |
| 1.1 | | What are urban areas and rural areas? |
| 1.2 | | What are the major types of urban land use in Hong Kong? |
| 1.4 | | Why are some residential areas near industrial areas in HK? |
| 1.6 | | What problems is our city facing? |
| 1.7 | | How can we solve the urban problems in HK? |
| Book 2 Food Problems | | |
| 2.1 | | Can we produce enough food for our growing population? |
| 2.2 | | How do we farm? |
| 2.3 | | Where is the farmland in China? |
| 2.4 | | What are the major farming problems in China? |
| Map-reading Skills 1 | | |
| 1 | | How do we know where we are? |
| 2 | | How can we locate a place using grid references? |
| 3 | | How do we locate a place using distance and direction? |
| 4 | | How can we find the area |
| 5 | | How can we locate a place using latitude and longitude? |

Form 2

| Topics | | |
|--------------------------------------|--|---|
| Book 4 Scramble for Energy | | |
| 4.1 | | What are the major types of energy resources? |
| 4.2 | | Why is there a problem with energy resources? |
| 4.3 | | What are other problems with current energy resources? |
| 4.5 | | How can future energy demands be met in a more sustainable way? |
| Book 3 The Trouble with Water | | |
| 3.1 | | What are the major threats to water resources? |
| 3.3 | | What and where are China's water resources? |
| 3.4 | | What are the major water problems in China? |
| 3.5 | | Is nature to blame? |
| Book 10 Ocean in Trouble | | |
| 10.1 | | How do our oceans support life on earth? |

| | | |
|-----------------------------|------|---|
| | 10.2 | How do humans make use of the ocean? |
| Map-reading Skills 2 | | |
| | 1 | How is relief shown on maps? |
| | 2 | What is a cross-section? |
| | 3 | How do we find out the steepness of a slope shown in a contour map? |
| | 4 | What relief features can we find from contour maps? |

Form 3

| Topics | | |
|--|------|---|
| Book 5 Living with Natural Hazards | | |
| | 5.3 | What are the causes and effects of landslides? |
| | 5.5 | Why do earthquakes happen? |
| | 5.6 | Why are some people at a higher risk of experiencing natural hazards than we are? |
| Book 6 Global Shift in Manufacturing Industry | | |
| | 6.1 | What is the manufacturing industry? |
| | 6.2 | Where have our factories gone? |
| | 6.3 | Does the shift in manufacturing activity occur in other places? |
| | 6.4 | What are the pros and cons of the global shift in manufacturing activity? |
| Book 11 Changing Climate, Changing Environments | | |
| | 11.4 | What are the effects of climate change? (elaborate more on the reasons of global warming by referring to 11.3) |
| | 11.5 | What can we do about it? |
| Map-reading Skills 3 | | |
| | 1 | How can we show the distribution and changes in land use along a route? |
| | 2 | How can we draw a sketch map to show the major land uses? |

For elective topics taught, school-based materials are to be prepared.

Form 4

| Topics |
|---|
| Building a sustainable city – Are environmental conservation and urban development mutually exclusive? (Compulsory) |
| Opportunities and risks – Is it rational to live in hazard-prone areas? (Compulsory) |
| Dynamic Earth: The building of Hong Kong (Elective) |

Form 5

| Topics |
|--|
| A Regional Study of the Zhujiang Delta (Elective) |
| Managing River and Coastal Environments: A Continuing Challenge (Compulsory) |
| Combating Famine – Is Technology a Panacea for Food Shortages? (Compulsory) |
| Disappearing Green Canopy – Who Should Pay for the Massive Deforestation in Rainforest Regions? (Compulsory) |

Form 6

| Topics |
|---|
| Changing industrial location – How and why does it change over space and time? (Compulsory) |
| Global Warming – Are Humans Responsible? (Compulsory) |