Global Interactions 11 Fourth Edition

Year 11 Teaching and Learning Program

CHAPTER 1: Geography: An introduction	
Syllabus: Geographical concepts; geographical tools	
Syllabus content	**Teaching and learning strategies and preferences**
Geographical concepts and tools	This introductory chapter offers students a range of important insights into the nature of the discipline of geography—its intrinsic and utilitarian value, its key concepts, its focus on inquiry-based learning and its transferable skills, geographical perspectives and the role of fieldwork.

Topic: Earth's natural systems	**Indicative time: 40 hours**

Syllabus outcomes

The student:

- examines places, environments and natural and human phenomena, for their characteristics, spatial patterns, interactions and changes over time **GE-11-01**
- explains geographical processes and influences, at a range of scales, that form and transform places and environments **GE-11-02**
- analyses and synthesises relevant geographical information from a variety of sources **GE-11-05**
- identifies geographical methods used in geographical inquiry and their relevance in the contemporary world **GE-11-06**
- applies geographical inquiry skills and tools, including spatial technologies, fieldwork, and ethical practices, to investigate places and environments **GE-11-07**
- applies mathematical ideas and techniques to analyse geographical data **GE-11-08**
- communicates and applies geographical understanding, using geographical knowledge, concepts, terms and tools, in appropriate forms **GE-11-09**

Skills and tools

Throughout this section of the book, students learn about and use a variety of geographical skills and tools:

- Block diagram analysis → p 30
- Synoptic chart interpretation → p 40
- Climate graph analysis → p 41
- Choropleth map interpretation → p 41
- Fieldwork investigation (microclimates) → p 46
- Proportional circles → p 49
- Bar graph analysis → p 73
- Flow chart analysis (and construction) → p 75 (and p 78)
- Meme interpretation → p 101
- Divided circle graph interpretation → p 107
- Column graph interpretation → p 111
- Compound column graph interpretation → p 112
- False colour satellite image interpretation → p 125
- Line graph interpretation → p 140
- Satellite images → p 141
- Photographic analysis to show change over time → p 147