Understanding geography content and how to use the tools and technology available for geographic study prepares citizens for a world where maps of all kinds are used on a daily basis. Geography students have a wide choice of interesting and rewarding career opportunities. The World in Spatial Terms

| K - 1 | PERSONAL / LOCAL Province, Canada, World |
| 2 - 3 | LOCAL / PROVINCE Canada / World |
| 4 - 5 | PROVINCE, CANADA, WORLD |
| 6 - 8 | CANADA, WORLD |

### 1. The World in Spatial Terms

- **Physical and human characteristics of places change over time**
- **Population characteristics by world regions, country and region**
- **Impacts of climate change on places and regions**
- **Population characteristics by world regions, country and region**
- **Population density, distribution, and growth rates**

### 2. Places and Regions

- **Concepts of physical features (e.g., mountains, plains, hills, oceans, islands)**
- **Concepts of human features (e.g., cities, buildings, farms, roads, and railroads)**
- **Concepts of physical features (e.g., mountains, plains, hills, oceans, islands)**
- **Concepts of human features (e.g., cities, buildings, farms, roads, and railroads)**

### 3. Physical Systems

- **The physical environment influences human activities (e.g., available water, climate, fertility of soil)**
- **Earth's natural resources (e.g., minerals, air, water, land)**
- **Environmental issues (e.g., solid waste, water quality)**
- **Human modification of the physical environment (e.g., construction of dams, erosion, deforestation, desertification)**

### 4. Human Systems

- **Cultural elements (e.g., language, religion, family structure)**
- **Human settlement patterns and land use**
- **Cultural regions (e.g., religion, language, ethnicity)**
- **Types of economic activity (resources, manufacturing, service)**

### 5. Environment and Society

- **Introduction to resources (e.g., food from farms, wood from forests, minerals from the ground)**
- **Impact of weather on everyday life**
- **Environmental issues (e.g., air pollution, water pollution)**
- **Effects of human modification of the physical environment (e.g., climate change, deforestation, desertification)**

### 6. The Uses of Geography

- **Understanding geography content and how to use the tools and technology available for geographic study prepares citizens for a world where maps of all kinds are used on a daily basis.**
- **Influences of physical and human features on historical events**
- **Influences of physical and human features on historical events**
- **Influences of geographic and human factors on major natural hazards**

### 9 - 12 World Problems and Interdependence

- **Major, global, and interarea (e.g., understanding and representing phenomena, environments)**
- **Political units and hierarchies (e.g., differences between regions)**
- **Political units and hierarchies (e.g., differences between regions)**
- **Global economic interdependence (e.g., specialization, trade, communication)**

### 6 Essential Elements of Geography

1. **Distribution of major human and physical features at country and global scale**
2. **Map types (e.g., topographic, navigational, thematic)**
3. **Locational technology (GPS and GIS)**
4. **Provinces and Territories of Canada**
5. **Major cities of the province**
6. **Physical and human characteristics of places and regions in the world**
7. **Features that influence people's perception of places and regions**
8. **Changes in places and regions over time**
9. **How culture affects places and regions (e.g., cultural landscapes)**

### 地理教育的六个基本要素

1. **理解全球和地方的物理和人类特征**
2. **了解人类和物理特征的变化**
3. **人口特征**
4. **自然和人类的相互影响**
5. **环境与社会**
6. **理解和使用地理工具和技术**

### 法文翻译

1. **Distribuer de grandes et caractéristiques humaines et physiques à l'échelle nationale et mondiale**
2. **Types de cartes (géographiques et spatiales)**
3. **Technologies de localisation (GPS et GIS)**
4. **Provinces et Territoires du Canada**
5. **Métropoles du Canada**
6. **Caractéristiques physiques et humaines de lieux et régions**
7. **Caractéristiques qui influencent la perception des lieux et des régions par les gens**
8. **Changements dans les lieux et les régions au fil du temps**
9. **Comment la culture influence les lieux et les régions (par exemple, les paysages culturels)**

### SCOPE AND SEQUENCE IN GEOGRAPHIC EDUCATION: GRADES K-12

This matrix is based directly on the standards in Canadian National Standards for Geography. A Standards-Based Guide to K-12 Geography.

### Grade Level Sequence

- **K-1**
  - **Personal / Local**
  - **Province, Canada, World**
- **2-3**
  - **Local / Province**
  - **Canada, World**
- **4-5**
  - **Province, Canada**
  - **World**
- **6-8**
  - **Canada, World**
- **9-12**
  - **World Problems and Interdependence**

### Five Essential Elements of Geography

1. **The globe as a model of Earth (hemispheres, poles, equator)**
2. **Map elements (title, scale, legend, cardinal and intermediate directions)**
3. **Physical and human characteristics of places and regions**
4. **Physical and human characteristics of places and regions**
5. **Earth’s natural resources (e.g., minerals, air, water, land)**
6. **Environmental issues (e.g., solid waste, water quality)**

### Key Concepts

- **Human Systems**
- **Environment and Society**
- **Physical Systems**
- **Places and Regions**
- **The World in Spatial Terms**
- **The Uses of Geography**

### Key Terms

- **Geography**
- **Map**
- **Globe**
- **Atlas**
- **Locational technology**
- **GPS**
- **GIS**

### Notable Resources

- **Canadian Council for Geographic Education**
- **Scope and Sequence in Geographic Education: Grades K-12**

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