

# Flood:Ed Curriculum Connections

## Activity: Understand Flooding

### Ontario (*Elementary*)

- ❖ Grade 2 Social Studies: People And Environments: Global Communities (B2.2, B2.4, B2.5, B2.6)
- ❖ Grade 2 Language: Media Literacy (3.4)
  - Writing (3.7)
- ❖ Grade 3 Social Studies People and Environments: Living and Working In Ontario (B2.1, B2.2, B2.4, B2.5, B2.6)
- ❖ Grade 3 Language: Media Literacy (3.4)
- ❖ Grade 4 Social Studies: Political and Physical Regions of Canada (B2.2, B2.4, B2.5)
- ❖ Grade 4 Language: Media Literacy (3.4)
- ❖ Grade 5 Language: Writing (3.7)
- ❖ Grade 5 Social Studies: People and the Environments: The Role of Government and the Responsible Citizenship (B2.1, B2.2, B3.7)
- ❖ Grade 6 Language: Writing (3.7)
- ❖ Grade 7 Geography: Physical Patterns in a Changing World (A1.1, A1.4, A2.1)
- ❖ Grade 7 Language: Writing (3.7)
- ❖ Grade 8 Language: Oral Communication (2.7)
- ❖ Grade 8 Geography: Global Settlement: Patterns and Sustainability (A1.1, A3.2)

### **Ontario (Secondary)**

- ❖ Grade 9 Issues in Canadian Geography: Geographic Inquiry and Skill Development (Academic/Applied) (A1.1, A1.2, A1.4, A1.6, A1.7)
  - Interactions in the Physical Environment (Academic/Applied) (B1.5, B2.2)
- ❖ Grade 9 Science: Scientific Investigation Skills and Career Exploration (Academic/Applied) (A1.1, A1.3, A1.7, A1.10, A1.11)
- ❖ Grade 10 Science: Earth and Space Science: Climate Change (Academic) (D1.1, D2.1, D2.8)
  - Earth's Dynamic Climate (Applied) (D1.1, D2.1)
- ❖ Grade 11 Biology: Diversity of Living Things (University Preparation) (B1.2)
- ❖ Grade 11 Environmental Science: Scientific Solutions to Contemporary Environmental Challenges (U/C Preparation) (B2.3)

### **Activity: What are Floodplains and Watersheds?**

#### **Ontario (Elementary)**

- ❖ Grade 2 Social Studies: Heritage And Identity: Changing Family and Community Traditions (A2.3)
  - People And Environments: Global Communities (B2.2, B2.3, B2.4, B2.5, B2.6)
- ❖ Grade 2 Language: Media Literacy (3.4)
  - Writing (3.7)
- ❖ Grade 3 Social Studies People and Environments: Living and Working In Ontario (B2.1, B2.2, B2.3, B2.4, B2.5, B2.6, B3.7)
- ❖ Grade 3 Language: Media Literacy (3.4)
- ❖ Grade 4 Social Studies: Political and Physical Regions of Canada (B2.2, B2.3, B2.4, B2.5)

- ❖ Grade 4 Language: Media Literacy (3.4)
- ❖ Grade 5 Science: Understanding Matter and Energy: Properties of and Changes in Matter (1.1)
- ❖ Grade 5 Language: Writing (3.7)
- ❖ Grade 5 Social Studies: People and the Environments: The Role of Government and the Responsible Citizenship (B2.1, B2.2, B2.3, B3.7)
- ❖ Grade 6 Social Studies: People and Environments: Canada's Interactions with the Global Community (B1.3, B2.1, B2.2, B2.3, B2.5)
- ❖ Grade 6 Language: Writing (3.7)
- ❖ Grade 7 Geography: Physical Patterns in a Changing World (A1.1, A1.4, A2.1, A2.3, A3.5, A3.8)
- ❖ Grade 7 Language: Writing (3.7)
- ❖ Grade 8 Science: Understanding Earth and Space Systems: Water Systems (3.1, 3.3)
- ❖ Grade 8 Language: Oral Communication (2.7)
- ❖ Grade 8 Geography: Global Settlement: Patterns and Sustainability (A1.1, A3.2)

### **Ontario (Secondary)**

- ❖ Grade 9 Issues in Canadian Geography: Geographic Inquiry and Skill Development (Academic/Applied) (A1.1, A1.2, A1.4, A1.6, A1.7)
  - Interactions in the Physical Environment (Academic/Applied) (B1.5, B2.2)
  - Livable Communities (Academic/Applied) (E3.2, E3.3)
- ❖ Grade 9 Science: Scientific Investigation Skills and Career Exploration (Academic/Applied) (A1.1, A1.3, A1.7, A1.10, A1.11)
- ❖ Grade 10 Science: Earth and Space Science: Climate Change (Academic) (D1.2, D2.1, D2.8)

- Earth's Dynamic Climate (Applied) (D2.1, D2.4)
- ❖ Grade 11 Biology: Diversity of Living Things (University Preparation) (B1.2)
- ❖ Grade 11 Environmental Science: Scientific Solutions to Contemporary Environmental Challenges (U/C Preparation) (B2.3)

### **Activity: Flooding and Climate Change**

#### **Ontario (Elementary)**

- ❖ Grade 2 Social Studies: People And Environments: Global Communities (B2.2, B2.4, B2.5, B2.6)
- ❖ Grade 2 Language: Media Literacy (3.4)
  - Writing (3.7)
- ❖ Grade 3 Social Studies People and Environments: Living and Working In Ontario (B2.1, B2.2, B2.4, B2.5, B2.6)
- ❖ Grade 3 Language: Media Literacy (3.4)
- ❖ Grade 4 Social Studies: Political and Physical Regions of Canada (B2.2, B2.4, B2.5)
- ❖ Grade 4 Language: Media Literacy (3.4)
- ❖ Grade 5 Science: Understanding Matter and Energy: Properties of and Changes in Matter (1.1)
- ❖ Grade 5 Language: Writing (3.7)
- ❖ Grade 5 Social Studies: People and the Environments: The Role of Government and the Responsible Citizenship (B2.1, B2.2, B3.7)
- ❖ Grade 6 Social Studies: People and Environments: Canada's Interactions with the Global Community (B1.3, B2.1, B2.2, B2.5)
- ❖ Grade 6 Language: Writing (3.7)
- ❖ Grade 7 Geography: Physical Patterns in a Changing World (A1.1, A1.3, A1.4, A2.1, A3.5)

- ❖ Grade 7 Language: Writing (3.7)
- ❖ Grade 8 Science: Understanding Earth and Space Systems: Water Systems (3.1, 3.3)
- ❖ Grade 8 Language: Oral Communication (2.7)

### **Ontario (Secondary)**

- ❖ Grade 9 Issues in Canadian Geography: Geographic Inquiry and Skill Development (Academic/Applied) (A1.1, A1.2, A1.4, A1.6, A1.7)
  - Interactions in the Physical Environment (Academic/Applied) (B2.2)
- ❖ Grade 9 Science: Scientific Investigation Skills and Career Exploration (Academic/Applied) (A1.1, A1.3, A1.7, A1.10, A1.11)
  - Sustainable Ecosystems (Academic/Applied) (B3.3)
- ❖ Grade 10 Science: Earth and Space Science: Climate Change (Academic) (D1.1, D1.2, D2.1, D2.3, D2.4, D3.8)
  - Earth's Dynamic Climate (Applied) (D1.1, D2.1, D3.6, D3.7)
- ❖ Grade 11 Biology: Diversity of Living Things (University Preparation) (B1.2)
  - Plants: Anatomy, Growth, and Function (University Preparation) (F1.1)
- ❖ Grade 11 Environmental Science: Scientific Solutions to Contemporary Environmental Challenges (U/C Preparation) (B2.3, B2.5, B3.1, B3.5)

### **Activity: Flooding Mapping Tour**

#### **Ontario (Elementary)**

- ❖ Grade 2 Social Studies: Heritage And Identity: Changing Family and Community Traditions (A2.3)
  - People And Environments: Global Communities (B2.2, B2.3, B2.4, B2.5, B2.6)

- ❖ Grade 2 Language: Media Literacy (3.4)
  - Writing (3.7)
- ❖ Grade 3 Social Studies People and Environments: Living and Working In Ontario (B2.1, B2.2, B2.3, B2.4, B2.5, B2.6, B3.7)
- ❖ Grade 3 Language: Media Literacy (3.4)
- ❖ Grade 4 Social Studies: Political and Physical Regions of Canada (B2.2, B2.3, B2.4, B2.5)
- ❖ Grade 4 Language: Media Literacy (3.4)
- ❖ Grade 5 Language: Writing (3.7)
- ❖ Grade 5 Social Studies: People and the Environments: The Role of Government and the Responsible Citizenship (B2.3)
- ❖ Grade 6 Language: Writing (3.7)
- ❖ Grade 7 Geography: Physical Patterns in a Changing World (A1.1, A2.3)
- ❖ Grade 7 Language: Writing (3.7)
- ❖ Grade 8 Language: Oral Communication (2.7)

### **Ontario (Secondary)**

- ❖ Grade 9 Issues in Canadian Geography: Geographic Inquiry and Skill Development (Academic/Applied) (A1.1, A1.2, A1.4, A1.6, A1.7)
  - Livable Communities (Academic/Applied) (E3.2, E3.3)
- ❖ Grade 9 Science: Scientific Investigation Skills and Career Exploration (Academic/Applied) (A1.1, A1.3, A1.10, A1.11)
- ❖ Grade 10 Science: Earth and Space Science: Climate Change (Academic) (D2.3)
  - Earth's Dynamic Climate (Applied) (D1.1, D3.6)

- ❖ Grade 11 Biology: Diversity of Living Things (University Preparation) (B1.2)
- ❖ Grade 11 Environmental Science: Scientific Solutions to Contemporary Environmental Challenges (U/C Preparation) (B2.2, B3.5)
- ❖ Grade 12 Physics: Energy and Momentum (University Preparation) (C1.2)

### **Activity: Flood Risk Management Awareness**

#### **Ontario (Elementary)**

- ❖ Grade 2 Social Studies: People And Environments: Global Communities (B2.2, B2.4, B2.5, B2.6)
- ❖ Grade 2 Language: Media Literacy (3.4)
  - Writing (3.7)
- ❖ Grade 3 Social Studies People and Environments: Living and Working In Ontario (B2.1, B2.2, B2.4, B2.5, B2.6)
- ❖ Grade 3 Language: Media Literacy (3.4)
- ❖ Grade 4 Social Studies: Political and Physical Regions of Canada (B2.2, B2.3, B2.4, B2.5)
- ❖ Grade 4 Language: Media Literacy (3.4)
- ❖ Grade 5 Language: Writing (3.7)
- ❖ Grade 5 Social Studies: People and the Environments: The Role of Government and the Responsible Citizenship (B1.3, B3.7)
- ❖ Grade 6 Language: Writing (3.7)
- ❖ Grade 7 Geography: Physical Patterns in a Changing World (A1.1, A1.4, A2.1)
- ❖ Grade 7 Language: Writing (3.7)
- ❖ Grade 8 Science: Understanding Earth and Space Systems: Water Systems (3.1, 3.3)
- ❖ Grade 8 Language: Oral Communication (2.7)

### **Ontario (Secondary)**

- ❖ Grade 9 Issues in Canadian Geography: Geographic Inquiry and Skill Development (Academic/Applied) (A1.1, A1.2, A1.4, A1.6, A1.7)
  - Interactions in the Physical Environment (Academic/Applied) (B1.5, B2.2)
  - Livable Communities (Academic/Applied) (E3.2)
- ❖ Grade 9 Science: Scientific Investigation Skills and Career Exploration (Academic/Applied) (A1.1, A1.3, A 1.10, A1.11)
- ❖ Grade 11 Environmental Science: Scientific Solutions to Contemporary Environmental Challenges (U/C Preparation) (B2.2, B2.3, B2.5, B3.1, B3.5)

### **Activity: Runoff Footprint**

#### **Ontario (Elementary)**

- ❖ Grade 2 Social Studies: Heritage And Identity: Changing Family and Community Traditions (A2.3)
- ❖ Grade 2 Social Studies: People And Environments: Global Communities (B2.2, B2.3, B2.4, B2.5, B2.6)
- ❖ Grade 2 Language: Media Literacy (3.4)
  - Writing (3.7)
- ❖ Grade 3 Social Studies People and Environments: Living and Working In Ontario (B2.1, B2.2, B2.3, B2.4, B2.5, B2.6, B3.7)
- ❖ Grade 3 Language: Media Literacy (3.4)
- ❖ Grade 4 Language: Media Literacy (3.4)
- ❖ Grade 5 Language: Writing (3.7)
- ❖ Grade 5 Social Studies: People and the Environments: The Role of Government and the Responsible Citizenship (B1.3, B2.3, B3.7)



- ❖ Grade 6 Language: Writing (3.7)
- ❖ Grade 7 Geography: Physical Patterns in a Changing World (A1.1, A1.4, A2.1, A2.3, A3.5)
- ❖ Grade 7 Language: Writing (3.7)
- ❖ Grade 8 Science: Understanding Earth and Space Systems: Water Systems (3.1, 3.3)
- ❖ Grade 8 Language: Oral Communication (2.7)

### **Ontario (Secondary)**

- ❖ Grade 9 Issues in Canadian Geography: Geographic Inquiry and Skill Development (Academic/Applied) (A1.1, A1.2, A1.4, A1.6, A1.7)
  - Interactions in the Physical Environment (Academic/Applied) (B1.5, B2.2)
  - Livable Communities (Academic/Applied) (E3.2, E3.3)
- ❖ Grade 9 Science: Scientific Investigation Skills and Career Exploration (Academic/Applied) (A1.1, A1.3, A1.7, A1.10, A1.11)
- ❖ Grade 10 Science: Earth and Space Science: Climate Change (Academic) (D1.2, D2.1, D2.8)
- ❖ Grade 11 Environmental Science: Scientific Solutions to Contemporary Environmental Challenges (U/C Preparation) (B2.2, B3.1, B3.5)