

# Decoding Carbon Curriculum Connections

## Activity 1: How is Climate Change Shaping this World?

### Alberta

- ❖ Grade 10 Social Studies
- ❖ Grade 11 Social Studies

### Ontario

- ❖ Grade 10 Science (D1.2, D2.9, D3.3)
- ❖ Grade 11 Environmental Science (B2.4)
- ❖ Grade 12 Canadian and World Studies

### British Columbia

- ❖ Grade 10 Environmental Science
- ❖ Grade 11 Environmental Science
- ❖ Grade 12 Environmental Science

## Activity 2: Evolution of Climate Science

### Alberta

- ❖ Grade 10 Social Studies
- ❖ Grade 11 Social Studies

### Ontario

- ❖ Grade 10 Science (D2.4, D2.9)
- ❖ Grade 11 Environmental Science (B2.4, B2.5, B3.3)
- ❖ Grade 12 Earth and Space Science (D3.2)
- ❖ Grade 12 Canadian and World Studies

### British Columbia

- ❖ Grade 10 Environmental Science
- ❖ Grade 11 Environmental Science
- ❖ Grade 12 Environmental Science

### Activity 3: Global Impacts of Climate Change

#### Alberta

- ❖ Grade 10 Social Studies
- ❖ Grade 11 Social Studies

#### Ontario

- ❖ Grade 10 Science (D1.1, D2.4, D2.7, D3.4, D3.8)
- ❖ Grade 11 Biology (B1.2)
- ❖ Grade 11 Environmental Science (B2.5)
- ❖ Grade 12 Canadian and World Studies

#### British Columbia

- ❖ Grade 10 Environmental Science
- ❖ Grade 11 Environmental Science
- ❖ Grade 12 Environmental Science

## Activity 4: Exploring the Need for Climate Policy: Climate Change & Negative Externalities

### Alberta

- ❖ Grade 10 Social Studies
- ❖ Grade 11 Social Studies

### Ontario

- ❖ Grade 10 Science (D1.2)
- ❖ Grade 11 Environmental Science (B1.1, B1.2, B3.5)
- ❖ Grade 11 The Individual and the Economy (D2.1)
- ❖ Grade 12 Analysing Current Economic Issues (B3.4)
- ❖ Grade 12 The Environment and Resource Management (E3.2)
- ❖ Grade 12 Biology (F1.1, F1.2)
- ❖ Grade 12 Canadian and World Studies

### British Columbia

- ❖ Grade 10 Environmental Science
- ❖ Grade 11 Environmental Science
- ❖ Grade 12 Environmental Science

## Activity 5: Market Failures: What Role Can Policy Play In Building a Low Carbon Future?

### Alberta

- ❖ Grade 10 Social Studies
- ❖ Grade 11 Social Studies

### Ontario

- ❖ Grade 10 Science (D1.1, D2.8)
- ❖ Grade 11 The Individual and the Economy (D2.1)
- ❖ Grade 12 Analysing Current Economic Issues (B3.4)
- ❖ Grade 12 Canadian and World Studies

### British Columbia

- ❖ Grade 10 Environmental Science
- ❖ Grade 11 Environmental Science
- ❖ Grade 12 Environmental Science

## Activity 6: Building a Low Carbon Future: The Need for Collective Action

### Alberta

- ❖ Grade 10 Social Studies
- ❖ Grade 11 Social Studies

### Ontario

- ❖ Grade 10 Science (D1.1, D1.2, D2.8, D3.4)
- ❖ Grade 11 Environmental Science (B1.1, B1.2, B3.5)
- ❖ Grade 12 Canadian and World Studies

### British Columbia

- ❖ Grade 10 Environmental Science
- ❖ Grade 11 Environmental Science
- ❖ Grade 12 Environmental Science

## Activity 7: How Does Canada Contribute to Global GHG Emissions?

### Alberta

- ❖ Grade 10 Social Studies
- ❖ Grade 11 Social Studies

### Ontario

- ❖ Grade 10 Science (D2.8, D2.9, D3.4)
- ❖ Grade 12 Canadian and World Studies

### British Columbia

- ❖ Grade 10 Environmental Science
- ❖ Grade 11 Environmental Science
- ❖ Grade 12 Environmental Science

## Activity 8: What Role Can Canada Play in Global Climate Action?

### Alberta

- ❖ Grade 10 Social Studies
- ❖ Grade 11 Social Studies

### Ontario

- ❖ Grade 10 Science (D1.2, D3.4)
- ❖ Grade 12 World Issues: A Geographical Analysis (C1.4)
- ❖ Grade 12 Canadian and World Studies

### British Columbia

- ❖ Grade 10 Environmental Science
- ❖ Grade 11 Environmental Science
- ❖ Grade 12 Environmental Science



## Activity 9: Climate Policy Options

### Alberta

- ❖ Grade 10 Social Studies
- ❖ Grade 11 Social Studies

### Ontario

- ❖ Grade 11 The Individual and the Economy (B2.3)
- ❖ Grade 12 Analysing Current Economic Issues (A2.3, C1.6, C2.4)
- ❖ Grade 12 World Issues: A Geographical Analysis (C1.4)
- ❖ Grade 12 Canadian and World Studies

### British Columbia

- ❖ Grade 10 Environmental Science
- ❖ Grade 11 Environmental Science
- ❖ Grade 12 Environmental Science

## Activity 10: What Makes a Good Climate Change Policy?

### Alberta

- ❖ Grade 10 Social Studies
- ❖ Grade 11 Social Studies

### Ontario

- ❖ Grade 10 Science (D1.2)
- ❖ Grade 11 The Individual and the Economy (A1.1, D2.1)
- ❖ Grade 12 Analysing Current Economic Issues (A2.3, C1.6, C2.4)
- ❖ Grade 12 World Issues: A Geographical Analysis (C1.4)
- ❖ Grade 12 Canadian and World Studies

### British Columbia

- ❖ Grade 10 Environmental Science
- ❖ Grade 11 Environmental Science
- ❖ Grade 12 Environmental Science

## Activity 11: The Negative Externalities Game: Collective Action to Address Climate Change

### Alberta

- ❖ Grade 10 Social Studies
- ❖ Grade 11 Social Studies

### Ontario

- ❖ Grade 11 The Individual and the Economy (A1.1, D2.1, D2.3)
- ❖ Grade 12 Analysing Current Economic Issues (B3.4)

### British Columbia

- ❖ Grade 10 Environmental Science
- ❖ Grade 11 Environmental Science
- ❖ Grade 12 Environmental Science

## Activity 12: Climate Change Policy Simulator Activity

### Alberta

- ❖ Grade 10 Social Studies
- ❖ Grade 11 Social Studies

### Ontario

- ❖ Grade 11 The Individual and the Economy (A1.1, D2.1, B2.3, E1.1)
- ❖ Grade 12 Analysing Current Economic Issues (A2.3, C1.6, C2.4)
- ❖ Grade 12 World Issues: A Geographical Analysis (C1.4)
- ❖ Grade 12 Canadian and World Studies

### British Columbia

- ❖ Grade 10 Environmental Science
- ❖ Grade 11 Environmental Science
- ❖ Grade 12 Environmental Science

## Activity 13: Climate Change Policy and Indigenous Relations

### Alberta

- ❖ Grade 10 Social Studies
- ❖ Grade 11 Social Studies

### Ontario

- ❖ Grade 9 Science (B1.2)
- ❖ Grade 11 Biology (F1.2)
- ❖ Grade 11 The Individual and the Economy (D2.3, E1.2)
- ❖ Grade 12 Making Personal and Economic Choices (C4.2)
- ❖ Grade 12 The Environment and Resource Management (B2.1)
- ❖ Grade 12 Earth and Space Science (E1.1)

### British Columbia

- ❖ Grade 10 Environmental Science
- ❖ Grade 11 Environmental Science
- ❖ Grade 12 Environmental Science