

Climate Change Where I Live Curriculum Connections

Activity 1: Maple Syrup Inquiry

Ontario

- ❖ Grade 3 Science and Technology (Growth and Changes)
- ❖ Grade 3 Social Studies (Pioneer Life)
- ❖ Grade 4 Social Studies (Habitats and Communities)
- ❖ Grade 6 Social Studies (Aboriginal Peoples and Early Explorers)
- ❖ Grade 7 Science and Technology (Interactions within Ecosystems)
- ❖ Grade 7 Social Studies (Natural Resources)
- ❖ Grade 8 Science and Technology (How Roots, Stems and Leaves Permit Movement of Food, Water and Gas)
- ❖ Grade 9 Academic Science (Biology: Sustainable Ecosystems)
- ❖ Grade 9 Applied Science (Biology: Sustainable Ecosystems and Human Activity)
- ❖ Grade 10 Academic Science (Earth and Space Science: Climate Change)
- ❖ Grade 10 Applied Science (Earth and Space Science: Earth's Dynamic Climate)
- ❖ Grade 9 Academic Issues in Canadian Geography (Managing Canada's Resources and Industries)
- ❖ Grade 9 Applied Issues in Canadian Geography (Managing Canada's Resources and Industries)
- ❖ Grade 11 Workplace Preparation Environmental Science (Sustainable Agriculture and Forestry)
- ❖ Grade 12 University & Workplace Preparation English

- Oral Communication
- Reading and Literature Studies
- Writing
- Media Studies

Activity 2: Climate Change in My Municipality Inquiry

Ontario

- ❖ Grade 9 Academic Issues in Canadian Geography
 - Geographic Inquiry and Skill Development
 - Interactions in the Physical Environment
 - Managing Canada's Resources and Industries
 - Changing Populations
 - Liveable Communities
- ❖ Grade 9 Applied Issues in Canadian Geography
 - Geographic Inquiry and Skill Development
 - Interactions in the Physical Environment
 - Managing Canada's Resources and Industries
 - Changing Populations
 - Liveable Communities
- ❖ Grade 9 Academic & Applied English

- Oral Communication
- Reading and Literature Studies
- Writing
- Media Studies
- ❖ Grade 10 Civics and Citizenship
 - Political Inquiry and Skill Development
- ❖ Grade 10 Academic & Applied English
 - Oral Communication
 - Reading and Literature Studies
 - Writing
 - Media Studies
- ❖ Grade 11 Open Travel and Tourism: A Geographic Perspective
- ❖ Grade 11 Academic & Applied English
 - Oral Communication
 - Reading and Literature Studies
 - Writing
 - Media Studies
- ❖ Grade 12 University Preparation
 - Spatial Organization of Ecumenes
 - Changing Ecumenes
 - Geographic Inquiry and Skill Development

- Sustainability and Stewardship
- Dynamic Impacts Within Communities
- ❖ Grade 12 University & Workplace Preparation English
 - Oral Communication
 - Reading and Literature Studies
 - Writing
 - Media Studies

Activity 3: Climate Change and Recreation Inquiry

Ontario

- ❖ Grade 9 Academic Issues in Canadian Geography
 - Interactions in the Physical Environment
 - Liveable Communities
- ❖ Grade 9 Applied Issues in Canadian Geography
 - Interactions in the Physical Environment
 - Liveable Communities
- ❖ Grade 9 Academic & Applied English
 - Oral Communication
 - Reading and Literature Studies
 - Writing
 - Media Studies

- ❖ Grade 10 Civics and Citizenship
 - Political Inquiry and Skill Development
- ❖ Grade 11 Open Travel and Tourism: A Geographic Perspective
 - Spatial Organization: Why, Where and How we Travel
 - Spatial Geography: Concepts and Processes
 - Spatial Technologies and Change
- ❖ Grade 12 University Preparation
 - Spatial Organization of Ecumenes
 - Changing Ecumenes
 - Geographic Inquiry and Skill Development
 - Sustainability and Stewardship
 - Dynamic Impacts Within Communities
- ❖ Grade 12 University & Workplace Preparation English
 - Oral Communication
 - Reading and Literature Studies
 - Writing
- Media Studies

Activity 4: Climate Change in My Watershed Inquiry

Ontario

- ❖ Grade 9 Academic Science (Biology: Sustainable Ecosystems)
- ❖ Grade 9 Applied Science (Biology: Sustainable Ecosystems and Human Activity)
- ❖ Grade 9 Academic Issues in Canadian Geography
 - Geographic Inquiry and Skill Development
 - Interactions in the Physical Environment
 - Managing Canada's Resources and Industries
- ❖ Grade 9 Applied Issues in Canadian Geography
 - Geographic Inquiry and Skill Development
 - Interactions in the Physical Environment
 - Managing Canada's Resources and Industries
- ❖ Grade 9 Academic & Applied English
 - Oral Communication
 - Reading and Literature Studies
 - Writing
 - Media Studies
- ❖ Grade 10 Academic Science (Earth and Space Science: Climate Change)
- ❖ Grade 10 Applied Science (Earth and Space Science: Earth's Dynamic Climate)
- ❖ Grade 11 University Preparation Biology (Diversity of Living Things)
- ❖ Grade 11 University Preparation Environmental Science

- Scientific Investigation Skills and Career Exploration
- Scientific Solutions to Contemporary Environmental Challenges
- Human Health and the Environment
- Sustainable Agriculture and Forestry
- ❖ Grade 11 Workplace Preparation Environmental Science
 - Human Impact on the Environment
 - Human Health and the Environment
 - Natural Resource Science and Management
- ❖ Grade 12 University Preparation Biology (Population Dynamics)
- ❖ Grade 12 University & Workplace Preparation English
 - Oral Communication
 - Reading and Literature Studies
 - Writing
 - Media Studies

Activity 5: Extreme Weather Inquiry

Ontario

- ❖ Grade 9 Academic & Applied English
 - Oral Communication
 - Reading and Literature Studies

- Writing
- Media Studies
- ❖ Grade 10 Academic Science (Earth and Space Science: Climate Change)
 - Earth's Dynamic Climate
- ❖ Grade 10 Applied Science (Earth and Space Science: Climate Change)
 - Earth's Dynamic Climate
- ❖ Grade 11 Science University Preparation
 - Scientific Investigation Skills and Career Exploration
 - Human Health and the Environment
 - Diversity of Living Things
 - Recording Earth's Geological History
- ❖ Grade 11 Environmental Science University Preparation
 - Scientific Solutions to Contemporary Environmental Challenges
- ❖ Grade 12 University & Workplace Preparation English
 - Oral Communication
 - Reading and Literature Studies
 - Writing
 - Media Studies