

CLIMATE CHANGE IN THE ALBERTA CURRICULUM



KINDERGARTEN

Changes observed in environments over time (temperature, sunlight, new human-made structures, animal/plant growth).



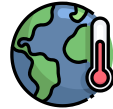
GRADE 1

Humans can help meet the needs of plants or animals by respecting environments.



GRADE 2

Sources of light include the Sun, electricity; human behaviours can affect plants and animals.



GRADE 3

Earth is warming up from natural and human causes, making the glaciers melt.



GRADE 4

Methods of waste disposal (reduce, reuse, recycle, repurpose, repair, compost).



Conservation is the preservation and protection of Earth's systems from pollution, depletion, or extinction.



GRADE 5

Analyze renewable and non-renewable energy resources.



Climate is the long-term weather patterns of a region over a period of at least 30 years.



GRADE 6

Investigate energy resources and explain factors that influence their use (availability/accessibility, societal impacts, economic impacts, environmental impacts; responsible management of energy resources; processed vs unprocessed energy resources).



Personal actions can help address human causes of global climate change; climate change affects plants, humans, and other animals; traditional knowledge and modern technology both provide information on long term climate changes.



Some ecosystems (wetlands, oceans, forests, grasslands) store greenhouse gases and prevent them from being released into the atmosphere.

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Future Energy Systems

