



**GRADE 10**

# Climate Change - Local Action

## Yukon - Department of Education

The Yukon Climate Change 10 course outlines broad range processes that have accelerated the rate of climate change, the environmental impacts associated with these changes, mechanisms that may mitigate such impacts and adaptations designed to cope with anticipated changes.

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**Credits:** 4

**Approval Date:** Aug 2022

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**Hours:** 110

**Trax Code:** YRNR

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## GOALS AND RATIONALE

Yukon Climate Change 10 seeks to inform students about the many dimensions of climate change and engage them in monitoring, mitigation and adaptation actions with their family and neighbours

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## BIG IDEAS

Burning fossil fuels formed millions of years ago has led to an increase of greenhouse gases in the atmosphere exacerbating climate change. Atmospheric changes are changing global and regional weather patterns and environments. Political, social, and economic systems are needed to dramatically reduce greenhouse gas emissions. Yukon First Nations values, ways of being and relationship with the land and water provide insights into how to respond and understand the effects, causes and impacts.

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## ADDITIONAL INFORMATION

The knowledge and experiences of Yukon First Nations provide intimate insights to the impacts that climate change is having on the Yukon environment. Indigenous people have been stewards for and caretakers of the land for countless generations and have known that climate has always been changing – but are now seeing and experiencing the impact that human interference with natural processes is having on climate change.