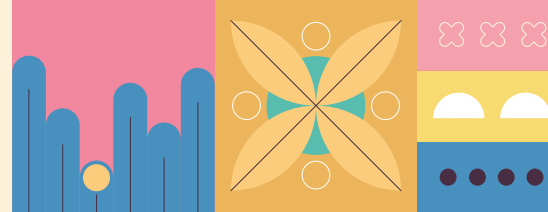
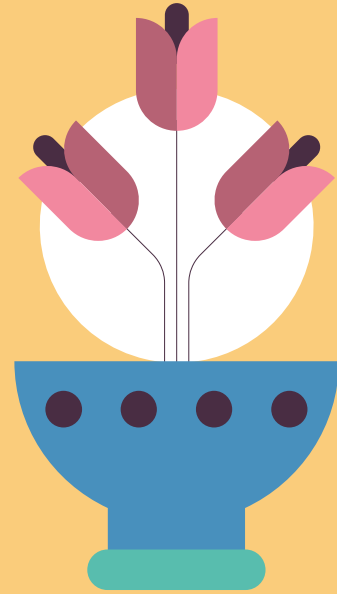


Willow Project Integrated Unit



Climate Literacy
Student Action project

CJTM 2023



Willow Project Unit Basics

Content Standards

Informational Reading
Opinion Writing
NGSS Science Standards

Climate Literacy Topic

Oil's role + impacts on
human societies and
ecosystems in the Arctic.

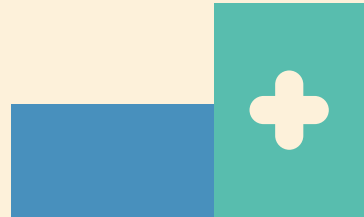
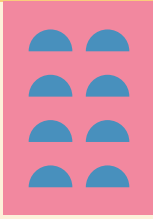
Essential Question

How will the Willow Project
impact access to basic needs for
living things in Alaska?

Student Outcome

Students write an argumentative letter to a
public official about how the Willow Project
will impact access to basic needs.

Unit Outline



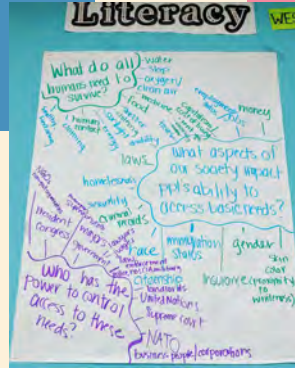
Unit Specifics

Social Justice + SEL
Inextricably linked and is intertwined throughout the unit. Questioning + multiple perspectives are key.

Essential Questions
Questions help students make connections, think critically, and write about the content they are learning.

Discussion Moves

- Inquiry Based Discussions
- Kagan Structures
- Socratic Seminar
- Community Circles



ARGUMENT WRITING RUBRIC

	1	2	3	4
Overall: I made a claim and supported it with reasons, and I provided a variety of evidence for each reason.				
Introduction: I wrote an introduction that showed my claim, previewed my reasons, and got my reader to care about my opinion.				
Evidence: I included evidence such as facts, quotations, information, and examples.				
Explanation: I explained how my evidence supported my claim.				
Conclusion: I wrote a conclusion that connected back to my claim, reasons, and big ideas.				
Language: I used transition words to connect my ideas and left up my evidence and explanation.				
Score:				/24

Willow Project Argument

How will the Willow Project impact how living things access their basic needs?

Topics:

- impact of oil drilling on ecosystems (Arctic)
- how does something become approved by the president?
- living things to think about
 - Bear + moose life
 - polar bears
 - yellow billed loon
 - muskie
 - Arby/Caribou
- who lives in Alaska, how is the site going to impact them?
- food sources in Arctic
- how will this impact Conoco Phillips?
- climate change

Reading Materials

- BrainPop
- Newsela
- Picture Books
- Curricular Texts/Materials

Academic Skills

- Summarizing Informational text
- Writing Skills
- Climate Related Content Knowledge

