

Curriculum connections BC

Sciences 7

Big Idea : Earth and its climate have changed over geological time.

Content:

evidence of climate change :

- change in climate affects the interconnectedness of plants and animals, and their local environment (e.g. changes to harvesting dates, changes to schedules due to early/late ripening and runs, lowered water levels in creeks, rivers and lakes, change in humidity impacts the ability to preserve salmon, etc.
- over geological time and the recent impacts of humans(e.g. humans are capable of changing Earth's landscape, climate, and systems; efficacy of sustainable practices)
- physical records (e.g. ice flow data, fossil record, etc.)
- local First Peoples knowledge of climate change (e.g. oral history, change in traditional practice (e.g., the timing of harvest has been impacted by climate change), etc.

Competencies:

- Construct and use a range of methods to represent patterns or relationships in data, including tables, graphs, keys, models, and digital technologies as appropriate
- Demonstrate an awareness of assumptions and bias in their own work and secondary sources
- Exercise a healthy, informed skepticism and use scientific knowledge and findings from their own investigations to evaluate claims in secondary sources
- Consider social, ethical, and environmental implications of the findings from their own and others' investigations
- Transfer and apply learning to new situations
- Communicate ideas, findings, and solutions to problems, using scientific language, representations, and digital technologies as appropriate
- Express and reflect on a variety of experiences and perspectives of place.

Social Studies 7

Big Idea : **Geographic conditions shaped the emergence of civilizations.**

Content:

human responses to particular geographic challenges and opportunities, including climates, landforms, and natural resources

Competencies:

- Use Social Studies inquiry processes and skills to — ask questions; gather, interpret, and analyze ideas; and communicate findings and decisions
- Assess the credibility of multiple sources and the adequacy of evidence used to justify conclusions (evidence)