

Name/Date:

Social Studies 10

Unit 5: Modern Canada: Society, Economy, Rights, and Environment, 1984-2001

5E The Environment and Sustainability



Focus Question: How is global development causing environmental issues and what challenges do they pose for Canada?

Reference: Counterpoints Chapter 13: The Environment p. 422-431 (start with a quick read through)

Image: Factory-farmed broiler chickens... is this sustainable food production?

Source: <http://www.veganoutreach.org/whyvegan/animals.html>

Lesson series... the last ones of our course (!):

8A The Environment and Sustainability p. 422-431

8B Environmental Issues: Focus on Water p. 432-436

8C Climate Change p. 437-451

Big questions of Lesson 8A

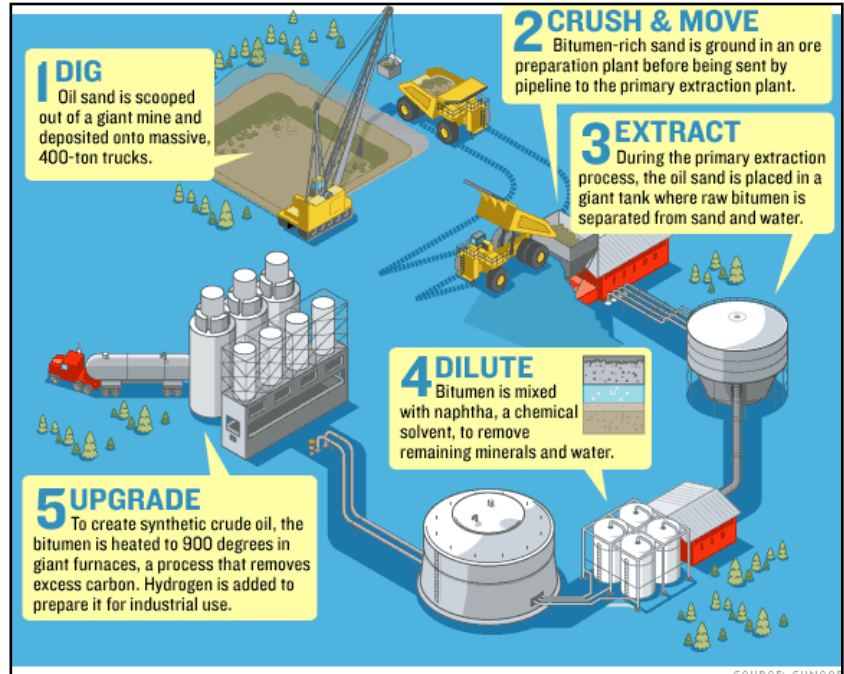


- How is global development causing environmental issues and what challenges do they pose for Canada?
- How are resources, the environment, and human populations interconnected?
- What is sustainable development?

Questions (use separate paper)

1. How is our biosphere threatened, and what is being done about it? (p. 423)
2. What change in stewardship do you think the scientists are hoping for (from quote on p. 424)?
3. What is permafrost, why is it under threat, and why does it matter?
4. What are some challenges to global food production and feeding a growing population? (p. 425 and 429)
5. Why is soil such an important resource and how can it be protected by sustainable farming practices (p. 425)
6. What are some threats to forests, and why does it matter? (p. 426 and 429-430)
7. Define ecology, acid precipitation, and pesticide
8. Why is sustainable development necessary, and what some different approaches?
9. Explain how the Great Bear Rainforest has become an example of environmental stewardship.

Examine Source 1 below¹. What process is being described? Where in Canada does this take place? What other steps or consequences could be associated or added to this diagram?



Examine Source 2 below². What sustainability issue do you think is being addressed by this photo? What relationship does this photo have with source 1 (how does it fit with the diagram)? What other images or graphics do you think could also represent this sustainability issue?



¹ source 1: http://www.usgreenchamber.com/wp-content/uploads/2012/05/oil_sands_graphic.gif

² source 2: <http://rabble.ca/sites/rabble/files/node-images/tarsands3.jpg>