

iCONN Learning Activity Alaska and Oil

School Level: Middle School

Task: A middle school class is preparing a newspaper on the Alaskan environment and how it affects the state's economy and citizens' lifestyle. One student has chosen to explore the environmental, legal and economic issues associated with expanded oil exploration in Alaska.

Research Question: Oil and the environment – can they get along? Issues related to oil exploration in the Arctic National Wildlife Refuge in Alaska.

Content Area(s): Science, Technology Education and Learning Resources and Information Technology

Content Standard(s):

Science

7. Students will understand the processes and forces that shape the structure and composition of the Earth.

Technology Education

9. Students will understand transportation systems and the environments used to move goods and people; and the subsystems common to each.

Learning Resources and Information Technology

3. Students will demonstrate a command of information skills and strategies to locate and use effectively print, nonprint and/or electronic resources to solve problems, conduct research and pursue personal interests.

4. Students will apply evaluative criteria to the selection, interpretation, analysis, reorganization and synthesis of information from a variety of sources and formats.

iCONN Database: *InfoTrac Junior Edition*

Search Strategy:

1. Click on *InfoTrac Junior Edition* and type **Alaska** in the search box
2. Click on *Find* and then click on *See Arctic National Wildlife Refuge, Alaska*
3. Click on *View x periodical references* OR
click on *See also x subdivisions* and then click on *View* environmental aspects; laws, regulations, etc.;
4. Click on *Check Out* to read relevant articles

OR

1. Click on *Advanced Search* and type **Arctic and National and Wildlife and Refuge** in the search box
2. Click on the box labeled *Search for full text articles only* and click on *Find*
3. Click on *Check Out* to read appropriate articles

Adaptations for Differentiated Learning:

Search Strategy:

1. Click on *Kids InfoBits* and type **Arctic National Wildlife** in the search box.
2. Click on *Search* and select one of the subject groups listed.
3. Click on *View* and then click on one of the *Labeled Tabs* (Reference, Magazines, etc.) to get a list of documents in that category.
4. Click on highlighted document title to read the document.

Or

1. Click on *Kids InfoBits* and type **Alaska** in the search box
2. Click on *Search* then click on *See Also* and select one of the listed terms such as **Arctic National Wildlife Refuge, Alaska**.
5. Click on *View* and then click on one of the *Labeled Tabs* (Reference, Magazines, etc.) to get a list of documents in that category.
3. Click on highlighted document title to read the document.

Search Strategy:

1. Click on *InfoTrac Student Edition* and click on *Subject guide*
2. Type **Arctic and National and Wildlife and Refuge** in the search box
3. Limit the search by clicking the box labeled *to articles with full text only* and typing **oil** in the search box labeled to entries containing the word(s)
4. Click on *Search*
5. Click on *View x periodicals*
6. Click on the *hyperlink* next to *View* to read articles