

iCONN Learning Activity

Are Farm Raised Fish Healthy?

Level: Middle School

Task: Students are studying ways to increase the supply of fish and other foods to meet current demands. One group of students is asked to research the quality and benefits of farm raised fish, in particular, farm raised salmon.

Research Question: What are the pros and cons of raising and eating farm raised salmon?

Content Area: Science, Health

State Content Standard(s):

Science:

Scientific Literacy: Scientific literacy; includes the ability to search for and assess the relevance and credibility of scientific information found in various print, nonprint and electronic media

- Communicate about science in different formats, using relevant science vocabulary, supporting evidence and clear logic

Health:

Standard 1. Students will establish and maintain healthy eating patterns and a physically active life

- Plan, select and prepare a nutritious daily diet based on the U.S. dietary guidelines

iCONN Database(s): *iCONN Newsstand, InfoTrac Junior Edition, General Reference Center Gold*

Search Strategy:

1. Go to <http://www.iconn.org/>
2. If the list of databases is not already showing, click on “Select iCONN resources”
3. Click on *Advanced Search* next to the Search box
4. Click on *Clear Checkmarks* to uncheck all databases
5. Click on Newspapers to select all newspapers (checkboxes listed individually below the Newspapers heading – e.g., *New York Times, Hartford Courant*, etc. – will all be checked)
6. Enter *farm raised* in the first search box and use the connector *AND*
7. Enter *salmon* in the second search box and select the connector *OR*
8. Enter *fish* in the third search box
9. In the “Limit Results for Databases” section, select *To Full text articles Yes*
10. Click *Search* (or hit ENTER)
11. Results sets will appear for each newspaper – click on the number of hits next to a given newspaper name to be brought into its list of matching articles
12. Click on the article’s name (or *Full Text*) to view the article

Alternate Search Strategy:

1. Go to <http://www.iconn.org/>
2. If the list of databases is not already showing, click on “Select iCONN resources”
3. Open *InfoTrac Junior Edition*
4. Click on *Advanced Search*
5. Enter ***farm and fish*** in the search box
6. Select “Search for full text articles only” to limit search results
7. Click *Find* (or hit ENTER)
8. Click on a title or on *Check Out* to read an article

Adaptation for Differentiated Learning:**Search Strategy:**

1. Go to <http://www.iconn.org/>
2. If the list of databases is not already showing, click on “Select iCONN resources”
3. Open *General Reference Center Gold*
4. Select *Advanced Search*
5. Enter *farm raised* in the first search box and use the connector *AND*
6. Enter *fish* in the second search box and use the connector *AND*
7. Enter *salmon* in the third search box
8. Limit the search to documents with *full text*
9. Click *Search* (or hit ENTER)
10. Click on an article’s title or on the *text/full-text* link to read an article

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