

Salmon in the Classroom Webquest

Rationale

Over the course of your experience in Earth Science you will be learning about natural resources, conservation, and energy resources. One natural resource that we will specifically work with is Michigan's Chinook Salmon. The Michigan Department of Natural Resources spends a great deal of time and money trying to conserve this biotic resource. Use this assignment to familiarize yourself with the project that we will be doing. As you work through the websites answer the questions that follow each link.

Overview of the project that we will be participating in

[Click here](#) to read about the Salmon in the Classroom Program.

1. What does SIC stand for?
2. What is SIC intended to teach you about?
3. How many schools were involved last year alone?

[Click here](#) to read about the requirements of the program.

4. What do we need to participate in SIC?
5. What does your teacher need to get so that we can have salmon eggs in our class?

[Click here](#) to read about setting up our equipment.

6. What are three things that we need to do to get ready for collecting our salmon eggs?
7. What types of things do we need to measure in our tank water (give 4)?
8. Should we make sure that the temperature of the tank water is the same as the chiller?

[Click here](#) to read about caring for our fish.

9. Explain the feeding process.
10. What are some indicators of the "fish's condition"?
11. What is smolting?
12. Name one problem that might occur in our tank and explain how to remedy it.

[Click here](#) to view the next website. Under the site click on the PowerPoint link titled Salmon in the Classroom Fisheries Division Challenges PowerPoint (11/9/10 Wolf Lake Workshop), and download the document. Scan through the document and relate the information found in the PPT to our classroom project. Be prepared to discuss the PowerPoint with the last 10 minutes of our class time today.

13. Where do you think we should release our salmon at the end of the school year, why?
14. What path would our salmon have to take to get to one of our great lakes if we released them in your location. You may need to use the following site to identify the travel route ([map](#)).
15. Are there any obstacles that would hinder our salmon from getting to a great lake from your release location (for example: dams, lakes, irrigation pumps, etc)? Use [this link](#) to view dam locations.

Presentation Assignment

[Click here](#) to create a prezzi teaching your fellow classmates what you learned. Include the following materials.

1. A title
2. Your name
3. Pictures relating to the topic
4. A minimum of 5 informational bullets discussing the SIC project
5. A map outlining the path a salmon would take to get to one of our great lakes from your chosen release location.