

YAW LONG TERM MONITORING PROJECT GUIDELINES:

Final Product: Provide a detailed project description, in **DIGITAL FORMAT**—cd or dvd

Your project should conclude with a developmentally appropriate presentation, illustrating how your YAW team applied the scientific process. Students are encouraged to apply skills in other content areas such as writing or technology, as you plan and carry out this presentation. Students are also encouraged to present to multiple audiences.

PLEASE include:

- digital photos or movies
- written descriptions in a Word document
- recorded data in spreadsheet AND graph(s)
- your observations & interpretations written in a Word document

The following **scientific process** will help guide your project:

Developing Questions:

- What will you do?
(What is your long-term monitoring project about?)
- Why will you do it?
(Did your community want a question answered, or did a local agency need help on gathering data, or were you inspired by a suggestion...?)

Designing Investigations:

- What's your plan?
- When will you do it? Describe your timeline
(When will you begin? How often will you obtain/record data; will you follow a schedule? Will it be complete by May 1 or can it continue beyond May 1st?)
- Who will help you do it?
(Did you involve community members, local resource personnel, government agencies, scientists from elsewhere or..?)
- What costs are involved?
(Include your budget, if you have one)

Conducting Research:

- What will you measure?
 - Record your findings (data) in legible data tables
 - Label everything
- Who will help you do it?
(Did you involve community members, local resource personnel, government agencies, scientists from elsewhere or..?)
- What problems might/did arise?

Communicating Results:

- What does it mean?
- What improvements would you suggest for next year?
- Why?

Due Date: May 1, 2006 5 pm

Even if you are not finished with this year's project, you must still submit a project description and report in order to participate in the whale observation & identification boat trip. Shoo must submit your projects in a Final Report to EVOS by June 1 (even if your project is ongoing).

e-Send to: Salasky@alaska.net

~~OR~~

Chugach School District
9312 Vanguard Dr. Suite 100
Anchorage, AK 99507
Attn: Shoo Salasky

Once received, you will be placed on the manifest for Kenai Fiords Tours boat trip with whale biologists Craig Matkin & Eva Saultis on May 19,20,21,or 22.

Teachers, please email me with your 1st and 2nd choice for dates. YAW will provide round-trip transportation from your YAW school community to Seward, and lunch on the boat. (One-day trip)

You provide personal gear (be prepared for windy, cold, wet, or sunny weather), notebooks, binoculars, cameras, and snacks during you travel to and from Seward.