

Student Worksheet – Developing Field Investigation Questions

Use this worksheet to help formulate the question(s) you want to investigate while at the field site and to determine possible ways to answer the question.

Name: _____

Date: _____

| Guiding Questions | Your Response |
|---|--|
| <p>Step One: What is a topic about a local amphibian species that interests you? What questions to do you have? Why is it important to know about this?</p> | <p><i>Example: Impact of invasive bullfrogs on native frogs What frog species are found around here? Are there bullfrogs? How can we protect native species from disappearing?</i></p> |
| <p>Step Two: After researching available information about local amphibian species, what questions remain unanswered? What questions came to mind as you did the research?</p> | <p><i>Example: Are there bullfrogs here? How many Oregon spotted frogs are in our community? Are there other threats to Oregon spotted frogs?</i></p> |
| <p>Step Three: What is an investigative question(s) related to this topic that you want answered?</p> | <p><i>Example: How many Oregon spotted frogs are at our field site? How many bullfrogs are at our field site? What other species are here?</i></p> |

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| <p>Record the class question(s) for field study</p> | <p><i>Example: How many Oregon spotted frog egg masses are in the pond behind the school?</i></p> |
| <p>Step Four: How will you gather evidence to answer your question? (e.g. making observations, taking measurements) What materials do you need to complete your investigation?</p> | <p><i>Investigation Plan (number tasks in order of priority)</i></p> |
| <p>Step Five: How will you share this information? (graphs, tables, narrative observations, etc.)</p> | |