

INTERACTIVE RESEARCH PLANNING FORM 1

(for early detection surveys and beginning/exploratory level experiments)

Name _____ Date _____

1. What question have you chosen to investigate, and why?

Example: What invasive species are present in the roadside ditch next to our school? If we find out what is there, maybe we can develop a means to control the unwanted species and plant native species.

2. Briefly describe a project you would like to do to address this question.

Example: We will become familiar with the wetland native and non-native, invasive species in your region and how to identify them using the Web and field guides. Then we will go out to the ditch and record what species we find. We will need to be careful to stay on the path next to the ditch and not go on the road.

3. What supplies will you need? How will you get any that are not already available in your classroom?

Example: We will need field guides from the library and data forms.

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4. How do you plan to schedule your project?

Example: It will be best to do this toward the end or beginning of the school year when the plants are easier to recognize.

5. Can you find reports by other students or professional scientists on this topic? If so, what can you learn from what has already been done?

6. Meet with another student or group to discuss these plans using the **Research Design Peer Review Form** (p. 174). Then describe any changes you've decided to make based on this discussion.