

## Interactive Research Planning Form #1 (for exploratory level experiments)

Name \_\_\_\_\_

Date \_\_\_\_\_

1. What question have you chosen to investigate, and why?  
*Example: Do Daphnia die in chlorinated tap water? This question is important because it will help us to figure out whether we need to buy bottled spring water to keep our Daphnia alive.*
2. Briefly describe a project you would like to do to address this question:  
*Example: We plan to place Daphnia in tap water we collect from home and school. We will count how many have died after 1 day and 2 days.*
3. What supplies will you need? How will you get any that are not already available in our classroom?  
*Example: 6 beakers, tap water samples, Daphnia. We will bring in tap water samples from home, and everything else is already here.*
4. How do you plan to schedule your project?  
*Example: Monday – bring in tap water, measure it into beakers, add Daphnia.  
Tuesday – Count how many Daphnia have died.  
Wednesday – Count how many Daphnia have died.*
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 *Experimental Design Peer Review Form*. Then describe any changes you've decided to make based on this discussion.