**Floral Preservative Lab**

**Forked Road Comparison Guide**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| **Define the Problem**: How do you best preserve your Carnation Flower till Monday?Compare your control flower, your floral preservation experiment, with four other students’ floral preservative experiments to complete the guide below. |
| **Factors to consider:** | **Control** | **Your Experiment** | **Student 1:****\_\_\_\_\_\_\_\_\_\_\_\_** | **Student 2:****\_\_\_\_\_\_\_\_\_\_\_\_** | **Student 3:****\_\_\_\_\_\_\_\_\_\_\_\_** | **Student 4:****\_\_\_\_\_\_\_\_\_** |
| **Indicate Experiment****Procedure** |  |  |  |  |  |  |
| **State****Appearance****(Color, texture, smell, etc.)** |  |  |  |  |  |  |
| **Rank****(1 best preserved to 6 most wilted)** |  |  |  |  |  |  |
| **What floral preservative ingredient seemed to work the best? *(Look at the ingredients that seem to be similar among the highest ranked experiments.)* Explain why this might be.** *Answer in complete sentences.* |
| **What floral preservative ingredient seemed to work the worst? *(Look at the ingredients that seem to be similar among the lowest ranked experiments.)* Explain why this might be.** *Answer in complete sentences.* |
| **What surprised you the most about this experiment?** *Answer in complete sentences.* |
| **You had limited material to use through this experiment. What other materials might have a positive effect on preserving flowers?** *Answer in complete sentences.* |
| **Using the knowledge, you gained from this lab create a recommendation to someone wanting to prolong the life of their cut flowers. *Make sure to be specific.*** *Answer in complete sentences.* |