

Name: \_\_\_\_\_ Date: \_\_\_\_\_

**Chemistry ~ Ms. Hart**

**Class:** Anions or Cations



**ThinkReady Expectations**

**Hypothesize:** think about the task and choose a topic for your research.

- You already did this in class, but you may need to add more information about this to demonstrate that you understand the task.

**Strategize:** explain your plan to gather information and your steps to complete the project.

- You drafted this in class, but you should add to this as you have continued to gather information and added more steps to the completion.

**Identify:** plan the observations and/or experiments you will need to test your hypothesis.

- This should be the draft of your procedure (including labeling of testable question, IV, DV and initial hypothesis) that you used in class

**Collect:** *collect and record your information in an organized way. Make sure you record it in a way that will help you analyze it later.*

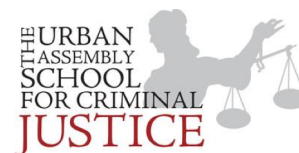
*Tip:* Now that you have conducted research, think back to your initial prediction. Has your thinking changed? If so, record your new thinking and add your ideas to your *Hypothesize* section.

**Analyze:** *you will analyze your evidence by organizing your observations and data strategically to recognize patterns and relationships.*

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**Analyze:** *you will analyze your evidence by organizing your observations and data strategically to recognize patterns and relationships.*

**Evaluate:** *you will use the information you organized during your analysis to identify trends, draw conclusions, and create arguments.*

*Tip:* Review your progress. How are you doing? Do you need to collect additional information? Make note of this and complete more research if necessary!

Communication: Your task is to explore conditions that might affect oil spills, and the rate that oil spreads under different situations. Begin to think about your report. How will you describe and justify your methods and conclusions? How will you explain your reasoning and conclusions so they are easy to follow?

**Organize/Construct:** produce your first draft of your report.

- This should include an introduction with background information, your testable question, IV, DV, initial hypothesis, materials used, procedure, data, graphs/analysis and your conclusion.

**Monitor:** Make a plan and carry out revisions of your work! Have a peer, friend or family member complete revisions and demonstrate improvement in your final draft.

**Confirm:** *you will edit and confirm all elements of your work. Attach all parts of the project to your task sheet and submit by Monday, March 31<sup>st</sup>!*

Ask for help if you need it! I am here for you! Good luck and have fun exploring– Ms. Hart

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