

Group Member Names: \_\_\_\_\_

### Separating Matter Challenge! Rubric

CATEGORY	4	3	2	1
<b>Procedures</b>	Procedures are listed in clear steps. Each step is numbered and is a complete sentence. Procedures appear to be replicable	Procedures are listed in a logical order, but steps are not numbered and/or are not in complete sentences. Procedures appear to be replicable.	Procedures are listed but are not in a logical order or are difficult to follow. There is not enough detail to replicate procedures.	Procedures do not accurately list the steps of the experiment AND there is not enough detail to replicate procedures.
<b>Data</b>	Professional looking and accurate representation of the data in tables and/or graphs. All data is recorded with appropriate units.	Accurate representation of the data including some units.	Accurate representation of the data in written form, but some missing data.	Data are not shown OR are inaccurate.
<b>Conclusion</b>	Conclusion includes possible sources of error and ways to reduce errors are discussed, and what was learned from the experiment.	Conclusion includes whether the findings supported the hypothesis and what was learned from the experiment. Experimental errors and their possible effects are discussed.	Conclusion includes what was learned from the experiment. Experimental errors are mentioned.	No conclusion was included in the report OR shows little effort and reflection. There is no discussion of errors.
<b>Appearance/ Organization</b>	Lab report is neat and easy to follow and includes lab setup/diagrams, explanation of lab equipment used, etc.	Lab report is neat and easy to follow.	Lab report is neatly written, but formatting does not help visually organize the material.	Lab report is handwritten and looks sloppy with cross-outs, multiple erasures and/or tears and creases.