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|  | **AP Chemistry:**  **Proving Law of Conservation**  **of**  **Mass Lab** |  |

Purpose: Experimentally prove the law of conservation of mass for either a synthesis or decomposition reaction.

Two options:

1. Synthesis of Magnesium Oxide
2. Decomposition of Copper (II) carbonate

Pre-Lab- answer the following in your lab notebook

1. Choose reaction to study.
2. Write balanced equation for chosen reactions.
3. How does this reaction work? (How do you create the necessary products?)
4. What information is required to prove the Law of Conservation of Mass?
5. Write a procedure to obtain information.
6. Create Data Table(s)