**Law of Conservation of Mass: Claim, Evidence, Reasoning**, **Rebuttal**

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| **Claim:** How does the mixture separation activity with sand, iron filings, and wood chips showthe **Law of Conservation of Mass?** 1-2 sentences |  |
| **Evidence:** Support your claim with evidence. This includes DATA from our activity in class. Data should be appropriate (relate to your point) and sufficient (fully explain your claim).  2-3 sentences minimum |  |
| **Reasoning:** Demonstrate why your evidence supports your claim using **scientific principles. WHY does the mass always remain the same before and after a physical or chemical change?**  2-3 sentences minimum |  |
| **Rebuttal:** Describe a misconception you had and use evidence and reasoning to refute the misconception. **What did you originally think was going to happen to the mass? How has your thinking changed now?**  2-3 sentences minimum |  |