Law of Conservation of Mass

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| ***Teacher:*** | Ms. Athwal  | ***Date:*** | October 7- October 11 | ***Course:*** | Chemistry | ***Grade:*** | 11 |
| ***CA Standard(s):*** 3a *Students know* how to describe chemical reactions by writing balanced equations. |
| ***Learning Objective (s):*** LT 3.1 – I can discuss the law of conservation of mass and how it relates to chemical reactions.LT 3.2 – I can explain how to balance a chemical reaction. |
| ***Essential Question(s):*** Why do the same chemicals that help me, hurt me?  |
| **Assessment**: * Exit Slip
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| * ***Do Now***:
* Can you completely destroy matter in the universe?
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| **WHOLE GROUP/ DIRECT INTRUCTION** |
| * Intro to Unit 3 Literacy: KCl Benefits & Dangers
* Conservation of Mass: Demonstration and Lab
* Balancing Equations
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| **SMALL GROUP STATION** |  | **COLLABORATIVE STATION** |  | **COMPUTER ASSISTED STATION** |
| With Ms. Athwal, discuss the demonstration and complete the Law of Conservation of Mass Lab: [Lab](../3.1/Conservation%20of%20Mass%20Lab.docx)  |  | KCl Benefits and Dangers Literacy ReadingBalancing equations in groups with candy. Complete the following worksheet in groups of two: [Balancing with Candy Worksheet](../3.1/3.1.AP.Candy%20Balance%20Equation.doc)  |  | Pre-Unit 3 Algebra AssessmentDownload the following applet: <http://phet.colorado.edu/en/simulation/balancing-chemical-equations>And complete the following worksheet to explore how to balance equations: [Balancing Equations Exploration Worksheet](../3.1/3.1.IBE.Balancing%20Chemical%20Equations.docx)  |