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 | | | | | | | |
| * ***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 Reading  Balancing 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 Assessment  Download 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) |