Acids and Bases Introduction

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| ***Teacher:*** | Ms. Athwal  | ***Date:*** | Feb 18 – Feb 21 | ***Course:*** | Chemistry | ***Grade:*** | 11 |
| ***CA Standard(s):*** 5a *Students know* the observable properties of acids, bases, and salt solutions.5b *Students know* acids are hydrogen-ion donating and bases are hydrogen-ion accepting substances.5c *Students know* strong acids and bases fully dissociate and weak acids and bases partially dissociate. |
| ***Learning Objective (s):*** 6.1 – I can describe the common properties of acids, bases, and salts. I can distinguish them based on taste, texture, ability to conduct electricity, and other observable properties.6.2 – I can describe what an acid and base are using the idea of hydrogen ion donation and hydrogen ion accepting.6.3 – I can characterize a compound as either a strong acid/base or weak acid/base based on how much it dissociates. |
| ***Essential Question(s):*** How do you dispose of a dead body? |
| **Assessment**: * Annotated article and article questions answered
* Exit Ticket
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| ***Do Now***:1. What is the chemical formula of the substance used to dissolve all the fatty tissue of the body?
2. What is the chemical formula of the other substance that also removes all traces of blood and DNA?
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| **WHOLE GROUP/ DIRECT INTRUCTION** |
| * Introduction to Acids and Bases
* Propertiers of Acids and Bases
* Arrhenius and Bronsted – Lowry acid/bases
* Breaking Bad Season 1 Episode 2
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| **SMALL GROUP STATION** |  | **COLLABORATIVE STATION** |  | **COMPUTER ASSISTED STATION** |
| Taste Test- taste different substances and explain how or why they are so different  |  | Read “Becoming an Expert Killer” article with partner. Annotate article and answer questions on a separate sheet of paper.  |  | Create a poster/art work that describe the commonalities and differences between aids and bases using pictures  |