**Mrs. Parrott’s Distance Learning Work**

**Week of April 20, 2020**

**SC.8.p.8.8 Identify basic examples and compare and classify the properties of compounds, including acids, bases, and salts.**

**Acids and Bases Choice Board**

Directions: Choose 1 activity from each row. When you have completed the activities, please email to me at parrottm@leonschools.net. You may work on other activities, but at least 3 are required to submit for grading. I choose activities # \_\_\_\_\_\_\_\_\_, # \_\_\_\_\_\_\_\_, # \_\_\_\_\_\_\_\_,

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| 1.* **Watch Video Clip: Acids & Bases**

<https://www.youtube.com/watch?v=b-n2_QxX8po&t=2s>* **Create a 2-column foldable** to identify the characteristics of an acid and a base.
 | 2.* Acid/Base Biography

Find an acid or base around you house. **Create a fictional story** in which the substance tells about its characteristics and pH. | 3.* **Compose a rap or other song** to teach others about acids, bases, and pH. Make sure to include the properties of each and the pH of each.
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| 4.* **Watch Video Clip: Cabbage Indicator**

<https://www.youtube.com/watch?v=I18K2upEHLc>* **Draw and label a Science Diagram**

 To show how litmus paper will react in acids and bases. | 5. * **GEMS: Alien Juice Bar**
* [Alien Juice Bar Activity](Acids%20%26%20Bases/alienjuicebar.pdf) Sheet
* **Submit the 3-5 sentence summary** of what you learned during the activity
 | 6.* **Watch** **Neutralization Reaction**

<https://www.youtube.com/watch?v=TS-I9KrUjB0>* **Create an advertisement** for a brand of antacid describing how it works. Make sure to discuss acid-base reactions, neutralization, and pH
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| 7.* **Create a crossword puzzle** at Discovery Education <http://puzzlemaker.discoveryeducation.com/CrissCrossSetupForm.asp>

(you can also make one by hand)Using the following words: acid, hydronium ion, base, hydroxide ion, pH, pH scale, indicator, litmus paper | 8.* **Create an Informational Poster** (8 ½ x 11) to teach others about pH and the pH scale. Make sure to include the scale and 10 different substances on that scale.
 | 9.* **Create an 8-question multiple choice test** about acids, bases, and pH.
* Make sure to include an answer key.
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Work to be graded:

[**Choice Board Grading Rubric**](Choice%20Board%20Grading%20Rubric.docx)

**\*\*Required Assignment: TEAMS Quiz – Acids, Bases, & pH**

**Office Hours:**

Mon-Fri – 10:00 – 12:00pm

Live Meet ups Tuesday 1:30pm, Thursday 9:30am

If you cannot meet me during Office Hours and need help, please e-mail me at parrottm@leonschools.net and we can set up a specific time that works for you*.*