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

**Week of May 4, 2020**

**Energy and Chemical Reactions 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.* **Create a foldable** showing endothermic and exothermic reactions. Make sure to have characteristics, drawings, and examples.
 | 2.* **Watch Video:** <https://www.youtube.com/watch?v=eJXL0IrbtqE>
* **Create a Venn Diagram** Compare and Contrast Endothermic and Exothermic Reactions.
 | 3.* **Interview with a Reaction.** Pick Endothermic or Exothermic. Create interview questions and have the reaction tell you all about itself.
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| 4.* **Watch Video:**

<https://www.youtube.com/watch?v=OttRV5ykP7A>* **Create a graphic** that shows the different factors that affect the rate of a chemical reaction
 | 5. * **Write a friendly letter** explaining ways that you can affect the rate of a chemical reaction. The letter must be at least 1paragraph.
 | 6.* **Draw a Science Diagram** showing the particles moving in

-Varying Temperatures (hot,cold)-Varying Concentrations (less, more)-Varying Surface Areas (solid, pieces)For each set of diagrams, describe which will have the faster reaction |
| 7.* **Create an advertisement** telling people how catalysts and inhibitors work in chemical reactions in their home.
 | 8.* **Create a public service poster** (8 ½ x 11) to show the different ways in that you can affect the speed of chemical reactions your home.
 | 9.* **Create an 8-question multiple choice test** about types of chemical reactions, endothermic and exothermic, and affecting the rate of a chemical reaction.
* 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 – Energy and Chemical Reactions**

**Office Hours:**

**Mon-Fri – 10:00 – 12:00pm**

**Live Meetups: Teams – Mrs. Parrott’s Meetup Tuesday 1:30-2:00; Thursday 9:30-10:00**

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*.*