**Knowledge Probe: Exothermic v. Endothermic**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ P. \_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Write notes as you work together to gather scientific information for your experiment.

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| **Article: What did you read?** |
| Article: [Endothemic vs. Exothermic Reactions - Khan Academy](https://docs.google.com/a/dewittschools.net/document/d/16pA0zcV7w4xgTFZ4bYMx9RZY2dGwDlMoqChqCvLF_Z4/edit?usp=sharing)   1. What are chemical bonds? 2. Describe the exchange of energy (heat) that occurs when bonds are formed and when they are broken. 3. Fill in this concept map. |
| **Video: What did you see?** |
| Video: [What are Endothermic and Exothermic Reactions?](https://www.youtube.com/watch?v=eJXL0IrbtqE)  4:16 <https://www.youtube.com/watch?v=eJXL0IrbtqE>   1. What are examples of exothermic reactions? 2. What are examples of endothermic reactions? 3. How can you determine if the reaction is exothermic or endothermic? |
| **Examples:** |
| Reaction 1: 2:40 <https://www.youtube.com/watch?v=GQkJI-Nq3Os>   1. Describe what happened. 2. Is this an endothermic or exothermic reaction? Why?   Reaction 2: 1:24 <https://www.youtube.com/watch?v=NTFBXJ3Zd_4>   1. Describe what happened. 2. Is this an endothermic or exothermic reaction? Why? |