**Knowledge Probe: Exothermic v. Endothermic**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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.

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| **Video: What did you see?** |
| Video: [What are Endothermic and Exothermic Reactions?](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?
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| **Examples:** |
| Reaction 1: <https://www.youtube.com/watch?v=GQkJI-Nq3Os>1. Describe what happened.
2. Is this an endothermic or exothermic reaction? Why?

Reaction 2: <https://www.youtube.com/watch?v=NTFBXJ3Zd_4>1. Describe what happened.
2. Is this an endothermic or exothermic reaction? Why?

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