***WICKED SCIENCE: Camp Ooey Gooey***

***Next Generation Science Standards***

**STRUCTURE and PROPERTIES of MATTER**

**Grades K-2 3-5**

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| **Performance Expectations** | Plan and Conduct an Experiment to describe and investigate different materials by their observable properties which can include:  ***Color, Texture, Hardness, Flexibility*** | Make observations based on the properties of a substance  Conduct an investigation to determine whether the mixing of two substances results in a new substance |
| **Science and Engineering Practices** | \* Use observations to describe patterns and/or relationships in the natural and designed world to answer scientific questions and solve problems. | \*Planning and carrying out investigations include investigations that control variables and provide evidence to support explanations or design solutions. |
| **Disciplinary Core Ideas** | Matter can be described and classified by its observable properties. | Measurements of properties can be used to identify materials.  [When two or more different substances are mixed, a new substance with different properties may be formed.](https://ngss.nsta.org/DisciplinaryCoreIdeas.aspx?id=2&detailid=205) |

Connections: Chemical & Physics Changes and Reactions; Endothermic/ Exothermic;