

# PROPER PROPERTIES

*Understand how objects are described based on their physical properties and how they are used.*

## **SUMMARY:**

Students will explore a variety of items and their uses based on properties! They will test which materials are the best for building, observe objects up close with magnifying glasses, and use their noodles in a great sorting challenge!

## **EDUCATIONAL VALUE:**

This class explores a variety of properties that can be found in different objects. Students brainstorm to sort sets of objects in different ways, test the properties of familiar and unfamiliar items in water, and work to determine which items are best for different uses in building. They discuss different materials, learn about the strength of various objects, and see how different substances can create a new set of properties when mixed together.



## **TAKE-HOME MESSAGE:**

- 1 Objects and substances have properties.
- 2 Objects can be described in terms of the materials.
- 3 Objects can be described in terms of physical properties.
- 4 Objects may be sorted based on a list of observable properties.



## **TAKE-HOME PRODUCT:**

Mad Science® Fluffy Floam Slime

## **North Carolina Essential Standards:**

Understand how objects are described based on their physical properties and how they are used.

- K.P.2.1 Classify objects by observable physical properties (including size, color, shape, texture, weight and flexibility).
- K.P.2.2 Compare the observable physical properties of different kinds of materials (clay, wood, cloth, paper, etc) from which objects are made and how they are used.