SLIME TIME

Ooze into a gooey hour of sliming around! Create slime using the Mad Science recipe, and then enter the Slime Olympics! Take home your own concoction of Mad Science Slime!

SUMMARY:

The Mad Science slime recipe is revealed in this ooey gooey chemistry class! Students will learn about slime and its basic ingredients in a series of hands-on activities. *Polymer* paper clips and *cross-linking* magnetic marbles will help to examine the key components of slime. Varied concoctions of slime will stir up in scientific style, and the properties of slime will be tested in a team-spirited fashion at the Slime Olympics!

EDUCATIONAL VALUE:

Slime Time provides an entertaining lesson on polymers and their properties. These relatively complex chemistry concepts are introduced to elementary school-age children in tactile, visually-engaging experiments. Students create cross-linked polymers based on their observations of the properties of polymers and cross-linking agents.

TAKE-HOME MESSAGE:

1 Mixing a polymer and cross-linker forms a cross-linked polymer called slime.
2 The property of slime changes when the quantity of the ingredients changes.
3 Using different polymers and cross-linkers create different crosslinked polymers.

Activity Cup

TAKE-HOME PRODUCT:

Mad Science Slime

NORTH CAROLINA ESSENTIAL STANDARDS:

- 3.P.2.2 Compare solids, liquids, and gases based on their basic properties.
- 5.P.2.3 Summarize properties of original materials, and the new material(s) formed, to demonstrate that a change has occurred.