Educational Innovations, Inc.

NGSS Correlations

Classroom Slime Kit
SL-300

Elementary

2-PS1-1
Students can use the Classroom Slime Kit to plan and conduct investigations to describe and classify kinds of materials by their observable properties.

5-PS1-3
Students can use the Classroom Slime Kit to make observations and measurements to identify materials based on their properties.

Middle School

MS-PS1-2
Students can use the Classroom Slime Kit to analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred.

MS-PS1-5
Students can use the Classroom Slime Kit as a model to describe how the total number of atoms does not change in a chemical reaction and thus mass is conserved.

High School

HS-PS1-7
Students can use the Classroom Slime Kit to construct and revise an explanation for the outcome of a simple chemical reaction based on the outermost electron states of atoms, trends in the periodic table and knowledge of the patterns of chemical properties.

HS-PS1-4
Students can use the Classroom Slime Kit to develop a model to illustrate that the release or absorption of energy from a chemical reaction system depends upon the changes in the total bond energy.

HS-PS1-7
Students can use the Classroom Slime Kit and then take it to a mathematical lesson to support the claim that atoms and mass are conserved during the chemical reaction.

Suggested Science Idea(s)

HS-PS1-7
While using the pre-measured chemicals in the kit, students experience an introductory lesson to plastics and polymers.

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2-PS1-1
5-PS1-3
Students can use the Classroom Slime Kit while making observations of many different materials based on their properties.

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