

Crosscutting Concepts

Scale, Proportion, and Quantity

- Natural objects exist from the very small to the immensely large. (5-PS1-1)

Students develop an understanding that the different atoms in the molecules of the reactants interact to produce a color change, a gas, and a change in temperature that students can observe. Students see that their macroscopic observations can be explained on the sub-microscopic molecular level.

Cause and Effect

- Cause and effect relationships are routinely identified, tested, and used to explain change.

Students develop an understanding that the atoms in the molecules of the reacting substances interact to cause a color change, production of a gas, and a change in temperature.