

# Next Generation Science Standards

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## National Nanotechnology Infrastructure Network (NNIN) Lessons

**Lesson:** How Catalysts Work

**Standards:**

HS-PS1-1. Use the periodic table as a model to predict the relative properties of elements based on the patterns of electrons in the outermost energy level of atoms.

HS-PS1-2. 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.

