

Mini-Unit: How Does a Small Spark Start a Huge Explosion?

Investigation 3: How Can a Small Spark Start a Huge Explosion?

- 3.1 What Makes Substances Different from One Another?
- 3.2 What Holds the Atoms of a Molecule Together?
- 3.3 When Atoms get Close to Each Other, What Happens to Their Potential Energy?
- 3.4 How are Bonds Formed and Broken?

Investigation 4: Where does All The Energy in an Explosion Come From?

- 4.1 What Energy Changes Occur During an Explosion?
- 4.2 What Happens to Atoms in Chemical Reactions?
- 4.3 What Changes in Energy Occur When Atoms Rearrange During Chemical Reactions?
- 4.4 How Does a Spark Trigger an Explosion?