

## Lesson 7: Is Burning a Chemical Reaction?

### Activity 7.1

#### Purpose

You will watch your teacher burn a strip of magnesium and compare the properties of the reactants to the product.

#### + Safety

Do not look directly at the burning magnesium- watch the demonstration in your peripheral vision.

#### Data Table

Compare the properties of the magnesium strip to the ashes.

	Color	Solubility in Acetic Acid	Malleability
<b>Magnesium</b>			
<b>Ash</b> ( _____ _____ )			

#### Your Progress:

- Mastery
- Proficient
- Developing
- Beginning

## Conclusions


Write a claim to the following question: Is burning magnesium a chemical reaction?

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## Representing Chemical Reactions

**Word Equation-** In the following space write the word equation for burning magnesium.

Reactant		Product
		

**Model-** In the following space, draw a representation of the ball-and-stick model of the chemical reaction.

Reactant		Product
		

**Chemical Equation-** In the following space write the chemical equation using the chemical formulas.

Reactant		Product
