

Unit 4: Metals

Lesson Plan

DCI:	Matter and its Interactions
NGSS:	<ul style="list-style-type: none">• MS-PS1-2 Analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred.
Lesson Title	The Reactions of Metals
Lesson Number	4-4
Learning objectives:	<ul style="list-style-type: none">• Describe the reaction between a metal and oxygen, water, and acid.
"I can" statement:	I can: <ul style="list-style-type: none">• Describe how a metal reacts with oxygen, water and acid.
Prior Knowledge: Properties of metals, Activity Series,	
Vocabulary: Metal hydroxide, Metal oxide, Metal Salt, Negative Ion, Oxidation, Positive Ion	
Summary of Activities: <ol style="list-style-type: none">1. Distribute and complete bell ringer activity.2. Discuss guided notes and slideshow, with students.3. Vocabulary Activity4. Exit quiz	
Additional Resources: <ul style="list-style-type: none">• See online activities	
Homework: <ul style="list-style-type: none">• Assignment	
Assessment: <ul style="list-style-type: none">• Bell work• Assignment• Exit quiz• Lab activities• End of topic assessment	