

Unit 6: Earth's Changing Surface

Lesson Plan

Disciplinary Core Areas	Earth's Materials and System
NGSS:	<ul style="list-style-type: none">• <i>MS-ESS2-1</i> Develop a model to describe the cycling of Earth's materials and the flow of energy that drives this process.• <i>MS-ESS2-2</i> Construct an explanation based on evidence for how geoscience processes have changed Earth's surface at varying time and spatial scales.
Lesson Title	Chemical Weathering
Lesson Number	6-1
Learning objectives:	<ul style="list-style-type: none">• Define chemical weathering.• Identify agents of chemical weathering.• Describe how chemical weathering causes changes on Earth's surface.
"I can" statement:	I can define chemical weathering and describe how different agents of chemical weathering cause changes on Earth's surface.
Prior Knowledge: Earth's Systems, Earth's Surface and Structure	
Vocabulary: Carbonation, Chemical weathering, Hydrolysis, Oxidation, Weathering	
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. Do laboratory activity with students.4. 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• End of unit review	