

A	B	Types of Weathering
1/1/16	11/2/16	Notes' Ch 2 L1 (P.45-50)
<u>FOCUS</u> SC.6.E.6.1		- <u>Weathering</u> - physical and chemical processes that <u>change</u> objects on Earth's surface
<u>VOCA B</u> - weathering - mechanical weathering - chemical weathering - oxidation		<p>(p.46)</p> - <u>Mechanical Weathering</u> - physical process breaks rock into smaller pieces <ol style="list-style-type: none"> ① <u>Ice wedging</u> - H₂O enters crack, it freezes, widens crack = break rock ② <u>Abrasion</u> - grinding rock away by friction (glacier, wind, waves, tumbling) ③ <u>Plants</u> - roots grow in cracks ④ <u>Animals</u> - live in soil = create holes
		<p>(p.48)</p> - <u>Chemical weathering</u> - <u>changes</u> the materials that are a part of a rock into new materials <ol style="list-style-type: none"> ① <u>H₂O</u> = dissolve minerals ② <u>Acids</u> - Acids = increase in weathering ex) acid rain, pollution, volcanoes
		<p>(p.49)</p> <u>Oxidation</u> - combines <u>oxygen</u> with other elements or molecules - outside can be different from inside.

A

B

11/3/16

11/4/16

SOIL

NOTES: Ch. 2 L 2 (P. 54-60)

Focus

SC.6.E.6.1

VOCAB

- Soil
- organic matter
- Pores
- decomposition
- parent material
- Topography
- Biota
- horizons

Questions

SOIL FORMATION

Layers of the SOIL

What is SOIL?

SOIL: It's More Than Just Dirt!



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