

Introduction to Geology **Winter 2019**

Geology of Washington - Lectures

Jan 3	Introduction
Jan 4	Relative Age Dating
Jan 7	Absolute Age Dating
Jan 8	Rocks of North America
Jan 10	Metamorphic Rocks
Jan 11	Yakima River Canyon
Jan 14	QUIZ #1 (13 pts) & Glacial Till
Jan 15	Global Climate History
Jan 17	Alpine Glacial Landforms
Jan 18	Ice Age Floods Erosion
Jan 22	Ice Age Floods Deposition
Jan 24	TEST #1 (70 points)
Jan 25	Faults & Folds
Jan 29	Earth Interior
Jan 31	Sea Floor Spreading
Feb 1	Plate Boundaries
Feb 4	QUIZ #2 (14 pts) & Hot Spots
Feb 5	Magma & Igneous Rocks
Feb 7	Volcanoes around the World
Feb 8	Nisqually Earthquake
Feb 11	Seattle Fault
Feb 12	Cascadia Earthquakes
Feb 14	Sumatra & Japan Tsunami
Feb 15	TEST #2 (70 points)
Feb 19	Farallon Plate History
Feb 21	Columbia River Basalt field data
Feb 22	Columbia River Basalt interpretations
Feb 25	Cascade Range
Feb 26	St Helens & Rainier
Feb 28	Olympic Peninsula
Mar 1	QUIZ #3 (13 pts) & Mount Stuart
Mar 4	Exotic Terranes
Mar 5	Terranes in Washington
Mar 7	Liberty Gold
Mar 8	Ellensburg Blue Agates
Mar 15	TEST #3 (70 points) 8:00 am