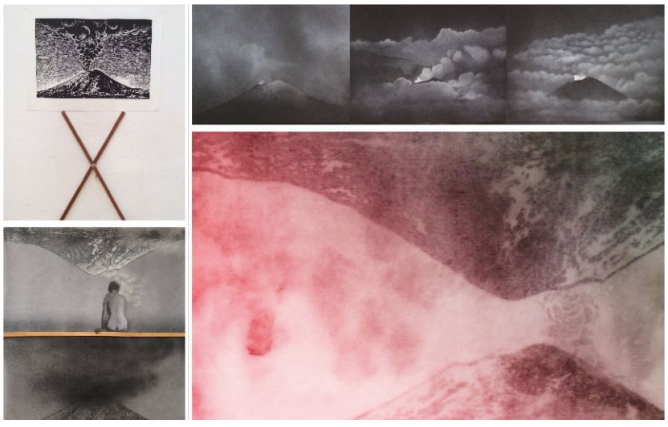
Guiding Questions & Thoughts to *An Essay on Rocks* by Leslie Marmon Silko

For more from Silko: Silko, Leslie Marmon (1994). An Essay on Rocks, *Yellow Woman and a Beauty of Spirit.*

Questions & thought-provokers (jot down words/thoughts, no need for sentences):

- Identify words in the essay you associate with *science.*
- Identify words in the essay you associate with *personal experiences & narrative, history, society.*
- Where does geology/the study of rocks & the earth fit in with the themes of Silko's essay?
- What is the place of science among personal experiences & narrative, history, society? And vice versa: the place of personal experiences & narrative, history, society within science?
- How does SIlko interweave geologic history alongside human (and her own) history?
- What is your connection to rocks? (This includes a lack-thereof!) What would you highlight in your own Essay on Rocks?

***** Optional conversation with Emma at A.P.E. Gallery (126 Main St, Northampton) on September 27th @ 4:30-5:30 pm and to explore local art on VOLCANOES *****



William Hosie & Christin Couture
UNDER THE VOLCANO
"For Couture and Hosie the volcano remains a powerful form both symbolic and actual, which they, as visual artists, have been exploring through 2 Dimensional and 3 Dimensional mediums, and observing through a 24 hour web camera over the past several years. In their collaboration selected images of the volcano, along with other related works, are merged whole or in part with sculptural elements and symbolic passages of color into a fully considered environment that expands upon their previous work in Mexico City."

September 7-29, 2018
Artist Reception: Friday, Sept.14 5-8 pm on Arts Night Out
http://www.apearts.org/current.html

4-ESS2-2 **Analyze and interpret data from maps to describe patterns of Earth's features.** [Clarification Statement: Maps can include topographic maps of Earth's land and ocean floor, as well as maps of the locations of mountains, continental boundaries, volcanoes, and earthquakes.]

4-ESS3-2 **Generate and compare multiple solutions to reduce the impacts of natural Earth processes on humans.*** [Clarification Statement: Examples of solutions could include designing an earthquake resistant building and improving monitoring of volcanic activity.] [*Assessment Boundary: Assessment is limited to earthquakes, floods, tsunamis, and volcanic eruptions.*]

5-ESS3-1 **Obtain and combine information about ways individual communities use science ideas to protect the Earth's resources and environment.**

MS-ESS2-2. **Construct an explanation based on evidence for how geoscience processes have changed Earth's surface at varying time and spatial scales.** [Clarification Statement: Emphasis is on how processes change Earth's surface at time and spatial scales that can be large (such as slow plate motions or the uplift of large mountain ranges) or small (such as rapid landslides or microscopic geochemical reactions), and how many geoscience processes (such as earthquakes, volcanoes, and meteor impacts) usually behave gradually but are punctuated by catastrophic events. Examples of geoscience processes include surface weathering and deposition by the movements of water, ice, and wind. Emphasis is on geoscience processes that shape local geographic features, where appropriate.]