ES 11 Volcano Study Guide

1. Be able to name three types of volcanoes, describe their shape, composition, type of lav.
2. Differentiate between Active, Dormant and Extinct volcanoes
3. Name where we can find extra terrestrial volcanoes.
4. Discuss how composition of magma like amount of water, gas, and silica can affect how violent an eruption can be.
5. Describe Mafic and Felsic magma in terms of colour, viscosity, explosiveness, and type of crust it makes.
6. Be able to list some different types of lava flows.
7. Be able to list in order different sizes of tephra.
8. Be able to describe what pyroclastic flow is and why it is so dangerous.
9. What are four warning signs that a volcano is about to erupt?
10. What are some hazards one might encounter near a volcanic eruption?
11. Be able to list various Intrusive and Extrusive volcanic features.