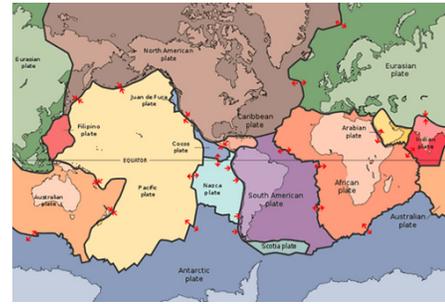


1. **a vent:** the opening through which lava flows out of the earth onto the surface
2. **active volcano:** a volcano that either is erupting now, or has erupted at some point during a recorded time period and is expected to erupt again.
3. **cinder:** bits of ash and lava put into the air by a cinder cone volcano.
4. **crust:** The outer layer of the Earth
5. **dormant volcano:** a volcano that has erupted in the distant past, but now is inactive and not expected to erupt again.
6. **Earth's crust:** the outer layer of the earth.
7. **eruption:** a volcanic explosion or large flow of lava, 火山爆发, извержение
8. **extinct volcano:** A volcano that does not have a recorded eruption and is not expected to erupt in the future. There is no guarantee that it will remain extinct.
9. **Hawaiian eruption:** volcano with runny lava and little or no ash, cinder, and steam It is a quiet eruption that may continue for long periods of time.
10. **hot spots:** places where a pool of intensely hot magma rises toward the surface
11. **inner core:** solid, dense center of the Earth
12. **lava:** magma that flows onto the Earth's surface, 岩浆, лава,
13. **lithosphere:** the crust and upper mantle of the earth. 岩石圈, litosfera, литосфера. In Chinese it sounds like "里都色浮而"
14. **magma:** melted rock inside the Earth
15. **magma chambers:** Pockets of molten rock deep in the earth's lithosphere
16. **magnitude:** the measurement of an earthquakes strength based on seismic waves and movement along faults
17. **mantle:** the layer of hot, solid material between Earth's crust and core
18. **Mount Etna:** Most active volcano in the world. [Sicily, Italy]
19. **outer core:** A layer of molten iron and nickel that surrounds the inner core of Earth.
20. **Pelean eruption:** Named after Mount Pelee, this is a very violent eruption that produces a pyroclastic flow, an avalanche of red-hot dust and gases which races down the side of the volcano.
21. **Plinian eruption:** spews out lava, and blows gases, ash, and debris into the atmosphere which can get caught in the winds and travel for miles. The most powerful type of eruption.
22. **pyroclastic flow:** is when gases and molten rock exit the volcanoes at high speeds. 火山碎屑流, flujo piroclástico, пирокластических потоков
23. **Strombolian eruption:** Volcanoes that produces a fountain of lava that runs down the sides. Not considered violent or dangerous.
24. **Submarine eruptions:** underwater volcanoes that erupt
25. **surface:** the outermost level of the land or sea, внешний, 面儿

26. Tectonic plate:



A large rigid section of the earth's crust that is in constant motion, 板块, placa tectónica, тектонических плит

27. **volcanic ash:** clouds produced by erupting volcanoes filled with jagged bits of crushed rock
28. **Vulcanian eruption:** violent explosion that sends lava, ash, cinders, gas into the air