



You have won a holiday  
at the hot springs!

**Stand still 1 lap**



**Take three steps back**



**What are the products that come out during an effusive eruption?**

An effusive eruption is a volcanic eruption in which magma is ejected from the volcano in the form of rivers of lava, also called lava flows. To have an eruption of this type it is necessary that the gases contained in the magma are expelled in order to prevent the pressure of the gas from leading to an explosion.



Oh Oh!  
Gas exhalation!

**Stay still for 2 laps to recover**



**What is a crater?**

A volcanic crater is the circular depression (with a diameter of a few hundred meters), at the top of a volcanic cone, generated by the mechanisms for placing the volcanic material that is ejected around the crater itself from the chimney (the conduit that connects the magma chamber to the surface) during one or more eruptions.



**Straight into the magma chamber.**

**Stand still 1 turn**



You slipped!  
**Go forward 3 squares**



**Go to the viewpoint**



**Take a CHANCE card**



Lava flow in front of you!

**Go behind 5 squares  
to dodge it**



**What is a solfatara?**

A solfatara is a volcanic apparatus in which there is a more or less extensive fumarolic field, whose activity is mainly constituted by the emission of steam and gas with a strong sulfur component. This phenomenon is typical in quiescent or near extinction volcanoes.



**What is the difference between effusive and eruptive eruption?**

Explosive eruptions occur when the erupting magma is ejected as fragments into the air, as opposed to effusive eruptions producing lava flows. **Explosive eruptions are so called when the erupting magma is fragmented when exiting the conduit.**



The ashes obscure the view!

**Stand still for 1 lap  
to let this storm pass**



**What are the cities that were buried by the eruption of Vesuvius in 79 AD?**

Herculaneum, Pompeii, Stabia and Oplontis, whose ruins, buried under layers of pumice, have been brought to light since the 18<sup>th</sup> century.



**What are the products that come out during an explosive eruption?**

An explosive eruption emits large quantities of rock fragments, solidified lava and ash. **Pyroclastic material volcanic ash, when their diameter is less than 2 mm; lapilli, when their diameter is between 2 and 64 mm; volcanic bombs, when their diameter is greater than 64 mm**



There is geothermal energy!

**Go forward 10 squares**



**Is there a volcano called "Noname"?**

Yes



**What is the caldera?**

The caldera (Latin cālīdārius, hot) is a large basin or depression, often occupied by a lake and of a circular or elliptical shape, which normally forms after the sinking of the magma chamber of a volcanic building caused by its partial emptying following a massive eruption.



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