

## Eruption on Mt Tarawera- June 1886

Change this diagram or draw one or more of your own to show the sequence of volcanic events that buried six settlements, including Te Wairoa, with thick mud and ash.

### Te Wairoa Village-

7.5 km from the Terraces.

Just after midnight people are woken by a series of earthquakes.



Magma has been rising through a vent in the earth's crust and the ground is bulging into a dome.

2 p.m.

A fissure through the Ruawahia Dome on Mt Tarawera erupts.

(A fissure is a long fracture or crack at the surface from which lava can erupt.)



By 2.30 a.m.

The craters along the summit are venting fountains of glowing molten scoria.



A cloud of ash rises up to 10 kilometres high, and bright lightning flickers through.



Rising magma mixes with groundwater and several lakes, turning the water to steam. This causes powerful explosions that pound the land and blast it out as huge amounts of hot mud.



3.20 a.m.  
The explosions spread. Craters are blasted open on the south-west side of the mountain and through Lake Rotomahana and the Waimangu area.

One 17-kilometre opening spews steam, mud and ash.

6 a.m.  
The eruptions end.

