

Is it more dangerous to live in the Campania region of Italy or West Sussex?

Key Vocabulary

mantle	The part of the earth between the crust and the core.
core	The central part of the earth, beneath the mantle, consisting mainly of iron and nickel, which has an inner solid part surrounded by an outer liquid part.
crust	The outermost shell of the Earth.
equator	An imaginary line around the middle of the Earth at an equal distance from the North Pole and the South Pole.
continental crust	The part of the earth's crust that lies under the continents
active volcano	A volcano which has erupted recently or is expected to erupt quite soon.
extinct volcano	A volcano which has not erupted in known human history.
dormant volcano	A volcano which has not erupted in a very long time but are expected to erupt again in the future.
tectonic plates	Plates that make up the surface of the Earth.
continent	A very large area of land, such as Africa or Asia, that consists of several countries.
volcanic eruption	The expulsion of gases, rock fragments, and/or molten lava from within the Earth through a vent onto the Earth's surface or into the atmosphere.
destructive margin	The contact between two tectonic plates which are moving towards each other.
epicentre	The central point of something
earthquake	A series of vibrations in the earth's crust.
climate	The weather conditions prevailing in an area in general or over a long period.
tsunami	A very large wave, often caused by an earthquake, that flows onto the land and destroys things.

Key Facts

Volcanoes are formed when tectonic plates under the Earth's surface push together and cause the land to rise up.

There are seven continents that make up the world. North America, South America, Africa, Europe, Asia, Oceania and Antarctica.

The South Downs National Park (SDNP) is in the county of Sussex in the south of England. Bury School is located in the SDNP.

Campania is in Southern Italy. It is home to Mount Vesuvius.

Mount Vesuvius is an active volcano. It last erupted in 1944. The most famous and catastrophic eruption was in AD79 during the Roman Empire.

Campania is a large area of Southern Italy with a coastline, mountains, farmland, cities and towns. The land is hilly and mountainous. It is volcanic soil and therefore very fertile and good for agriculture.

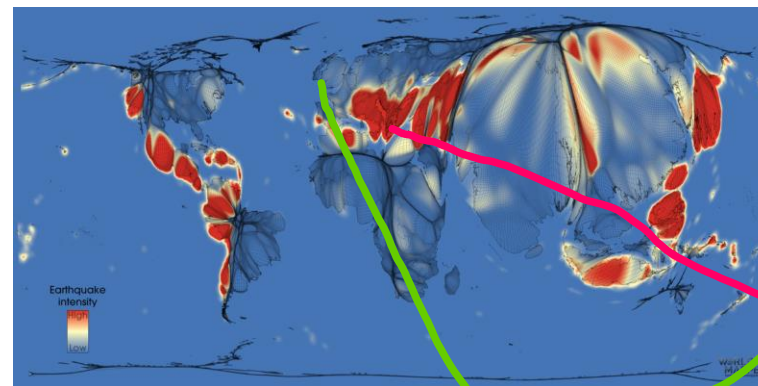
Mount Vesuvius is monitored by scientists and there is a detailed evacuation plan in place if the volcano shows signs of erupting. The areas of land near the volcano are divided into 3 zones – Red Zone, Yellow Zone and Blue Zone according to how dangerous it is.

Stratovolcano



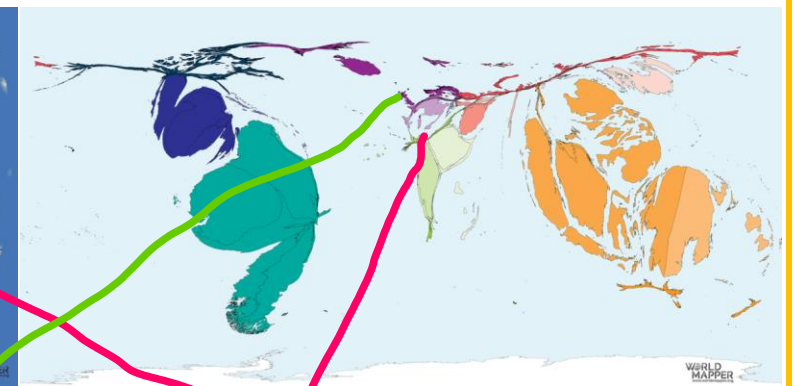
Mt. Vesuvius was created when the Eurasian and African tectonic plates collided. The African plate went under the Eurasian plate and the magma pushed upwards and the volcano was formed.

Earthquake risk choropleth map



UK

Volcanic eruptions choropleth map



Italy