

*Building Science Concepts* book on Volcanoes (book 12)

I would also incorporate the Build a Volcano interactive game <http://www.nhm.ac.uk/kids-only/earth-space/volcanoes/build-a-volcano/index.html>. This is a good hands on activities to explore the ‘what ifs’ surrounding the creation of different volcano shapes. It gives reasons for the causes of different volcano shapes and will leave the students wanting to extend their knowledge further.

The online animation I have chosen is the volcanoes video (BrainPop, 2013) where you learn about different types of volcanoes, and where and why they form. It also talks about the Ring of Fire, which is an area around the edges of the Pacific Ocean where there are frequent earthquakes and volcanic eruptions (Weather Wiz Kids, 2010). The video includes important information about volcanoes, and includes interesting facts such as the Ring of Fire. There are also the fun animated characters. These things could interest the children and help them to engage more in the topic.

Brain Pop (n,d). *Volcanoes*. Retrieved from <http://www.brainpop.com/science/earthsystem/volcanoes/preview.weml>

Weather Wiz Kids (2010). *Volcanoes*. Retrieved from <http://www.weatherwizkids.com/weather-volcano.htm>

Animation:

<http://www.brainpop.com/science/earthsystem/volcanoes/preview.weml>

[http://media.photobucket.com/user/prestonjrtr/media/Weather/VolcanoTRSmall.gif.html?filters\[term\]=animated%20volcano&filters\[primary\]=images&filters\[secondary\]=videos&sort=1&o=11](http://media.photobucket.com/user/prestonjrtr/media/Weather/VolcanoTRSmall.gif.html?filters[term]=animated%20volcano&filters[primary]=images&filters[secondary]=videos&sort=1&o=11)

A useful definition for children is “A volcano is a mountain that opens downward to a pool of molten rock below the surface of the earth. When pressure builds up, eruptions occur. Gases and rock shoot up through the opening and spill over or fill the air with lava fragments” (weatherwizkids, 2013.). This definition is good at the level of the year five and six students where I had my placement.

This element would be good to teach children about links to their own lives and what to do if a volcano erupts. The class could look at issues of concern to them such as is their home in a safe place, what to listen for on the radio and gear they can wear to keep themselves safe. This link is to a website which shows children learning about how far away they need to be away from a volcano and what to do when and after an eruption. This site also talks about earthquake and tsunami which could be further research for children into the world they live in. There are always lots of opportunities for making links in science.

[http://www.tepapa.govt.nz/7\\_awesomeforces29062005v01.7/awesomeforces.html](http://www.tepapa.govt.nz/7_awesomeforces29062005v01.7/awesomeforces.html)