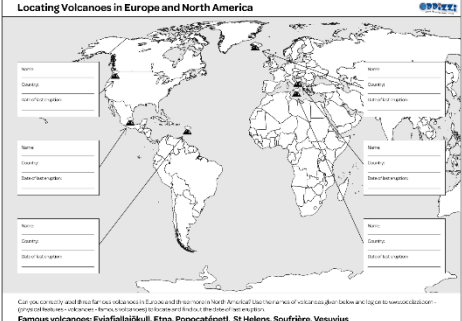
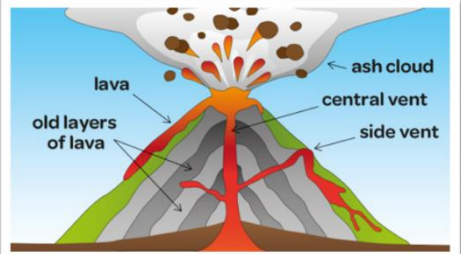




Term 5 Week 3 – River Deep, Mountain High

Choose 1 challenge to research each day to build a case study about Volcanoes!

<p style="text-align: center;"><b>Challenge 1</b></p> <p>Locate a range of volcanoes from around the world. Colour code them on the map, or sketch a map of the world and plot famous volcanoes on it.</p> 	<p style="text-align: center;"><b>Challenge 2</b> Features of a volcano</p> <p style="text-align: center;"><b>WHAT IS A VOLCANO?</b></p> <p>A volcano is a <b>mountain</b> formed by the eruption of molten rock from underground. Lava (hot, runny rock) spews out of the crater of the volcano during an eruption. With each new eruption, over time, the volcano grows a little taller. Or, that's the theory...</p> 	<p style="text-align: center;"><b>Challenge 3</b></p> <p>Can you film/take photos showing the volcanic eruption process, in a creative way.</p> <p style="text-align: center;">Maybe you can act it out? Create a video on iMovie (or a similar app) Take photos showing how a volcano erupts Draw a cartoon strip</p> <p style="text-align: center;">Be creative!</p>
<p style="text-align: center;"><b>Challenge 4 :</b></p> <p style="text-align: center;">Build a volcano!</p> 	<p style="text-align: center;"><b>Challenge 5</b></p> <p style="text-align: center;">Friday VE day celebration</p> <p style="text-align: center;">Party planners at the ready!</p> 	<p style="text-align: center;">Resources to help you</p> <p>Oddizzi.com</p> <p>Log on details are: Oak WB Maple WB</p> <p>Password: MapleWB OakWB1</p>

Challenge 1 – Locating volcanoes

Locating Volcanoes in Europe and North America



The map displays several volcano locations marked with black triangles. Arrows point from these locations to six callout boxes, each containing a form for labeling. The locations are: one in the Pacific Northwest of North America, one in the western United States, one in the Andes region of South America, one in the North Atlantic region, one in the Alps region of Europe, and one in the Mediterranean region of Europe.

Each callout box contains the following fields:

- Name: \_\_\_\_\_
- Country: \_\_\_\_\_
- Date of last eruption: \_\_\_\_\_

Can you correctly label three famous volcanoes in Europe and three more in North America? Use the names of volcanoes given below and log on to [www.oddizzi.com](http://www.oddizzi.com) - (physical features - volcanoes - famous volcanoes) to locate and find out the date of last eruption.

**Famous volcanoes: Eyjafjallajökull, Etna, Popocatépetl, St Helens, Soufrière, Vesuvius**

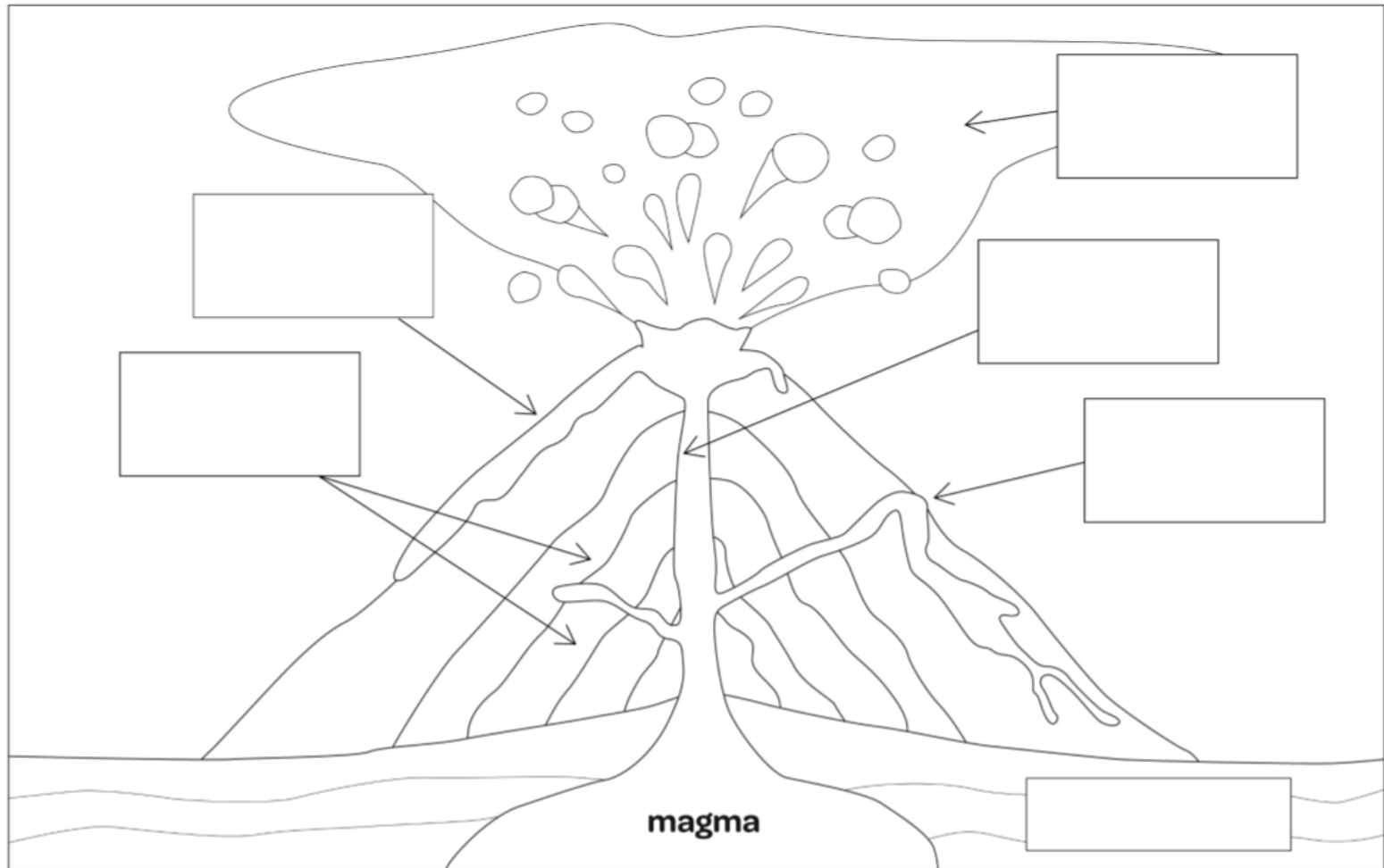
Challenge 2 – features of a volcano (remember you can draw it if you don't want to print it!)

1. Label the volcano, using these words:

- o Earth's crust
- o Layers of cooled lava
- o Lava
- o Central vent
- o Side vent
- o Ash cloud

2. Add any other labels or arrows you think your diagram of a volcano needs.

3. Make a list of the different ways that an eruption can affect people living nearby.



## Challenge 4

Build a Volcano – remember if you don't want to build one. You can just draw one and label it. Be as creative as you want!

### Building your volcano

Ingredients for making the dough:

- Six cups of Flour
- Two cups of Salt
- Two cups of Water
- Four tablespoons of cooking oil

Grab a plastic bottle and make the dough (left) and build the dough around the bottle.

This is just an idea! You can create your volcano out of any material e.g. boxes or bottles. Remember you need to have a container inside your model so you can add the ingredients for the volcano to erupt.

You could paint your dough to add effect!

### Now for the Ingredients for Making this Volcano Erupt

1. Take the bottle out of the volcano and fill it almost full with water
2. put 4 or 5 drops of detergent right into the water
3. Add Two Tablespoons of Baking Soda to the water
4. Put the Volcano over the bottle so it is in place and ready to go
5. Pour some vinegar right into the volcano bottle and watch it Erupt!!

You could add food colouring to add colour too.

Or look up on the internet, other ways to build a volcano.

### Here are Mrs Hudson's attempts

We built our volcano using Plaster of Paris around a mould.



Amelia also built one out of a magnetic building set. You could use something similar, like Lego!



Challenge 5



Plan a stay at home street party



What will you include to make it symbolic for VE day?

How will you decorate your home?  
Draw/ write some ideas

What party food will you have? Why?

Can you actually create some of your ideas and send your pictures to us!

