

# Picasso Class Homework Grid - Spring A 2017

## *'Wonderful World': investigating volcanoes and earthquakes*

**Learning Intention:** *to research a volcanic eruption.*

Using the internet and/or books, research one of the following volcanic eruptions.

- 1) Mount St. Helens (1980)
- 2) Mount Pinatubo (1991)
- 3) Mauna Loa (1984)

Please collect your notes carefully and record your information under appropriate sub headings.

**Learning Intention:** *to design a volcano.*

Using any materials you wish, design and/or make a volcano. Select one of the following types of volcano:

- 1) Composite
- 2) Shield
- 3) Dome

Your volcano can be either 2D or 3D.

Please consider your design carefully, and add labels to illustrate the different parts of the volcano.

### Year 5/6 Expectation

Each week the children will be expected to:

- Complete a spelling rule investigation
- Read every night (for at least 20mins)
- Complete one homework task (to the same standard of work produced in school)
- Practise and learn times tables (up to 12x) and number bonds to 1 (numbers up to 3 decimal places: e.g.  $0.497 + 0.503$ ).

Please write the learning intention and date at the top of the page, so that I can see which task you have completed.

### Parents' role:

Please could you:

- Sign the homework each week on completion.
- Let us know if they struggled with any of the tasks.
- Indicate if they spent the time on the task, but couldn't complete it.
- Let us know if there is a genuine reason why the homework was not completed.
- Support and encourage, but avoid 'doing' the homework for them!

### Internet Access

The children can use the laptops at school any break time, if they are having problems gaining access to the internet at home.

### **Learning Intention:** *Mathletics Task*

Your task is to complete at least 4 of the games and the test from:

'Position and Direction'

Please write in your book the DATE and LI so I can check your scores online.

### **Learning Intention:** *NRich Problem Solving Task*

Your task is to use your problem solving and reasoning skills to complete 'Shape Times Shape'.

You will find the problem on the NRich website, using the following link:  
<https://nrich.maths.org/5714>

Please write the solution and your method in your homework book.