

## English:

### Non-chronological report (focus: volcanoes)

- \*Research skills: retrieval of information from a range of sources.
- \*Knowledge and investigation of structural features - sub titles, paragraphing, introduction and conclusion.
- \*Knowledge and investigation of grammatical/punctuation skills: relative/subordinate clauses and subordinating/coordinating conjunctions.
- \*Editing, drafting and redrafting skills.

### Balanced Argument

- \*Collating information (pros and cons) and conducting a verbal and written debate.
- \*Investigating features of balanced argument writing.
- \*Focus on formal language.
- \*Identifying the purpose for writing and maintaining an appropriate tone.

## Science

Our Science topic this half term is 'Evolution and Inheritance'. We will be exploring how various animals have adapted to their surroundings. Also, we will be considering the role of human genetics.

## Art/DI

We will be creating a range of 'volcanic-based' artwork, linking with our topic this half term. For example, we will be using our collaging skills to create the cross-section of a volcano, inspired by the work of Margaret Godfrey.

## PE

Tuesday: Swimming

Thursday: Sports coach

## Wonderful World!



Picasso Class - Year 5/6  
Spring A 2017

## Geography:

Our Topic focus this term is Geography. In this, we will begin by focusing on volcanoes. We will be looking at how and why volcanoes are formed, alongside discussing the devastating effects of volcanic eruptions. We will be using our map skills to locate various volcanoes, alongside discussing plate tectonics.

## Maths

- \*Identify, describe and represent the position of a shape following a reflection or translation.
- \*Describe positions on the full coordinate grid (all four quadrants).
- \*Calculate and interpret the mean as an average.
- \*Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.
- \*Generate, extend and describe linear/ non-linear number sequences.
- \*Calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres ( $\text{cm}^3$ ) and cubic metres ( $\text{m}^3$ ) and extending to other units (for example,  $\text{mm}^3$  and  $\text{km}^3$ ).
- \*Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions.
- \*Multiply simple pairs of proper fractions, writing the answer in its simplest form (using diagrams).
- \*Divide proper fractions by whole numbers (using diagrams).

## RE

Our RE topic is: "Who Do People Say That I Am?" Through a variety of activities, such as Art, Drama and Literature, we will be considering the role of Jesus in the lives of Christians.

## Computing

Our topic is Programming. We will be investigating sequences, selections and repetition, alongside working with various inputs and outputs.