

# Year 4 Home Learning

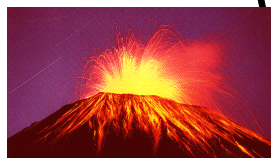
## Topic & Science

**Topic:** Active planet. Within this topic we will be finding out about volcanoes and earthquakes specifically. We will also be learning about other natural disasters such as tornados and tidal waves.

**Science:** We are finding out about different states of matter (solids, liquids and gases) and finding out what this means and how they can be changed.

## Proper Project

Research projects



**Topic:** Choose a volcano that you would like to research (e.g. Etna, Mt St Helen's, Vesuvius, Krakatoa) and use different sources to find information about it. You could go to the local library or look online. Try to find out how tall it is, where it is located and when it last erupted.

**Science:** Look for some safe, non-toxic liquids around your home, such as tomato sauce, milk or washing-up liquid (make sure you get permission from an adult before using/handling them).

Now look at your set of liquids and think about what will happen to each one if you put them into the freezer - consider whether it might evaporate, remain as a liquid or freeze to make a solid? If you can, use an ice cube mould to test your predictions and find some way to record what you have found out.

## Create 'n Make

Create a piece of art to represent a natural disaster. You might want to make a 3D model or do a detailed diagram/sketch. However, you might prefer to make a more abstract representation or even put together a mood board.



## Espanol

### Be a Spanish teacher!

Choose an area of Spanish that you are confident with and would like to teach. (e.g. numbers 1-10, colours, days of the week) and find someone who would like to learn. Teach them so that they can confidently say the words/phrases on their own. Think about the best methods to teach them... do you want to write things down for them? Teach them through a game or just by getting them to repeat what you say? Afterwards ask them to tell you what you were like as a teacher.

## Let's talk...

In P4C lessons we talk about coming up with 'big ideas and questions' to discuss. Choose an image from a story book that you find interesting. What is happening in the picture? Can you come up with an open question that can't be answered just by looking at the picture but that is based on the theme of the image? E.g. 'Is it ever ok to break the rules?' Write your question down and discuss with family and friends.

## Out and about...

Visit the Science Museum to find out more about states of matter and natural disasters.