

Summer Term 2017
Year Five and Six Topic Web

Extreme Earth

In **art** we will explore the famous 'Great Wave' print by Hokusai. We will find out about woodblock printing and how it is used to create an image before having the chance to recreate this famous image using a variety of media, including a 3D card picture.

In **topic** we will consider how Scientists project that extreme weather conditions will become increasingly frequent and severe over the coming centuries due to human activity. We will find out about the greenhouse effect and the gases that contribute to global warming before looking at how practical steps can be taken to reduce our carbon footprint and slow the rate of climate change.

In **D+T** we will create a secure and waterproof bag or box to keep their precious items in. To do this, we will have to investigate which materials are waterproof and which aren't, how to make joins watertight and a host of other questions. We will then design, make and evaluate our own waterproof containers.

In **science** Year 5 will explore the Earth and our Solar System. We will look at climate Change and what impact it has had on Earth.

Year 6 will focus on Inheritance and Evolution Theories

In **SMSC** we will look at Rites of Passage and explore important milestones in life.

In **maths** we will continue to work on the four rules, developing our fluency and applying this to reasoning and problem solving.

In **English** our focus texts are *The Fire Makers*, *Daughter* and *Running Wild*.

In **geography** we will be finding out exactly what a climate is before looking at some of the most extreme climates of the world. We will learn where the hottest and coldest parts of the world are in relation to the equator and poles, as well as the location of some specific climates, such as the hottest, coldest, driest and wettest places on Earth..

We will look at a variety of the most extreme weather phenomena on Earth, including lightning, floods, tropical storms (hurricanes, cyclones and typhoons), tornadoes and hail storms. We will find out what causes these phenomena and become more familiar with why they occur.

In **music** we will think of as many different examples of percussion instruments as we can. We will then listen and respond to a composition entitled 'Boom!' which portrays a storm through digital sound-effects and various percussion instruments. Children can then work in groups to add their own percussion to the sound-effects background to create their own storm compositions.