



Eton End

VOLCANO



Eton End erupted with enthusiasm in the Autumn Term 2017 as all the pupils and staff took part in a cross curricular study of volcanoes. The school had worked with Eton College, with whom it is an outreach partner school, over several months as it prepared for its exciting 'Creative Destruction – volcanoes inspiring Art and Science' exhibition in the Verey Gallery. The series of artworks of Emma Stibbon RA, volcanic rock and mineral samples on loan from the Natural History Museum, the rare copy of Sir William Hamilton's *Campi Phlegraei* (1776) held by the College and films made by Professor Stephen Sparks FRS CBE of volcanic eruptions and their impact on local communities proved to be rich sources of inspiration for the children and staff. Together they have explored volcanoes through Art, Design, Science, History, English, Mathematics, Languages, Music and Geography to gain a better understanding of the world. Every pupil in Year 2, 3, 4, 5 and 6 will have visited the exhibition before it ends and Emma Stibbon will talk to the pupils in a special assembly.

EXAMPLES OF THE CROSS-CURRICULAR WORK

NURSERY

The youngest pupils in the school, the Fledglings in Nursery, made lava as part of their scientific exploring.

Each of the Skylarks groups made an exploding volcano.

They have all used the theme of Volcano in their role play.

RECEPTION

In Reception the children have learnt about volcanoes and looked particularly at Mount Vesuvius. They have read 'Tom and the Island of Dinosaurs' and made chocolate crispy volcano cakes and cone shaped volcanoes. They have also painted pictures of Mount Vesuvius and created a Volcano display. They have made a large class papier-mache volcano.

YEAR 1

The pupils in Year 1 made Play Doh volcanoes and drew volcano pictures using charcoal after looking at the work of Emma Stibbon. They also looked at information texts and researched two volcanoes, finding these on maps and drawing their own map. They have looked at a volcano in New Zealand. They made volcano cakes and biscuits and then held a wonderful 'Rock 'n Roll' tea party where they exploded a volcano! They can also sing the Disney lava song.

YEAR 2

The Year 2 pupils have learnt how a volcano is formed and studied volcanoes in Art and DT and Spanish.

YEAR 3

Pupils in Year 3 created newspaper reports about the eruption of Mount Vesuvius in 79AD and created fact file posters. They have studied the Romans in their Humanities lessons and focussed on life in Pompeii.

SUBJECTS

Art

The pupils began by making preparatory drawings from different images of active and dormant volcanoes.

The pupils in Year 2 then explored how different media (eg: pastel, paint, torn paper, mosaic) could be used to make pictures.

The Year 3 children used textured materials to make a collage.

The girls in Year 4 looked at David Hockney's painting of Mount Fuji and made torn tissue paper pictures, utilising its translucent qualities to achieve colour mixing.

The Year 5 girls investigated famous historical eruptions and focussed on Vesuvius, Pompeii and the casts there. They modelled 'victim' poses and made plaster sculptures of each other. The frescoes on Santorini (Thera) inspired their own paintings.

The girls in Year 6 looked at Katsushika Hokusai's woodcut of Mount Fuji and made linocuts in a similar vein.

The children in Years 3 – 6 examined Emma Stibbon's work in reproduction and at the exhibition in the Verey Gallery and used it to inspire their own. It was enhanced by the chromatographic properties of black felt pen and white painted highlights.



DESIGN TECHNOLOGY

The pupils in Year 2 constructed model volcanoes from papier mache on wooden scaffolding. Pipe cleaners were added for eruptions.

Year 3 pupils explored the planes in a picture and the analogy with stage sets. Afterwards they made 3D dioramas.

The Year 4 girls investigated how pneumatics can be used to make objects move. They modelled volcanoes around plastic bottles and incorporated syringes to make them erupt.

In Year 5 the girls investigated how cams can make perpetual motion, then used one to make an erupting volcano model.

The Year 6 classes made model volcanoes which they turned into nightlights with working electrical circuits.



MUSIC

In Music the children have learnt songs inspired by the Volcano theme.

LANGUAGES

In Spanish the children have learnt about the volcanic islands of the Canaries, Lanzarote, Fuerteventura and Parque Timanfaya. They have learnt some of the language associated with volcanoes and how a volcano is formed and why.

Pupils in Year 6 learnt a song after watching the Volvic advertisement which shows extinct volcanoes in France.

MATHEMATICS

Pupils in Mathematics analysed the ten deadliest volcano eruption and the dates when these took place. They then used divisibility tests to see if they were in the leap years and recorded the dates using Roman numerals.

ENGLISH

The girls in Year 4 produced their own poems based on volcanoes.

The Year 5 girls produced a display of work related to volcanoes and composed their own Myths Behind the Volcano.

Year 6 have written letters inspired by Hamilton's *Campi Phlegraei*.

SCIENCE

Year 3 children have carried out volcano experiments with chemicals and studied the topic of Rocks.

Year 5 girls have produced a volcano display and studied the scientific methods to detect volcanic eruptions.

GAMES

The theme of volcanoes has even made its way into Pre Prep Games as the children have enjoyed the 'Volcano Game', including craters and domes!

GEOGRAPHY

In Year 4 Geography, the pupils have been studying about how volcanoes are formed, where they occur in the world, some famous volcanoes and the reasons for and against people living near volcanoes. The pupils even created their own volcanic eruption.



SKY SKILLS

The pupils in Years 4, 5 and 6 visited Sky Skills Academy as part of the Volcano work to create a news broadcast about Natural Disasters. Each pupil undertook one of the following roles: producer, director, scriptwriter, camera operator, reporter, editor and eyewitnesses or expert witnesses. They had to research, organise, write and present the script to create a full newscast.



They were able to do this with the help of the Sky Skills team and the wonderful technology at the studios. This process involved them using and developing five key life skills: creativity, communication, problem solving, self-management and teamwork.

They enjoyed their visit and the chance to become news reporters!



GOOD WORK AND GOOD CONDUCT

The volcano theme has even been used in our Good Work and Good Conduct certificates as pupils have been awarded certificates recognising three main world volcanoes:

Mauna Loa

Mount Merapi

Mount Vesuvius

FUTURE OPPORTUNITIES

As part of our AMAT programme and work with other schools in our locality, we are planning and organising two events again this year around the topic of volcanoes with our outreach partners at Eton College. They offer us considerable time, expertise and knowledge in areas of books conservation, archaeology, world History, Art and Literature, with the opportunity to access rare and priceless artefacts, objects and works of art from the Eton Collections.

One event will be for our Year 2 pupils and the other for the Year 4 girls who will be accompanied by teams of pupils from schools nearby; the focus of the days is learning through handling artefacts from a variety of different times and locations, collaborative team work, communication, discussion, questioning, exploring and risk taking through Art, Science, Languages, Literacy and Drama.

As always, we are confident the days will offer the children a wealth of rich opportunities of not only being challenged in their learning, but also in developing their interpersonal skills, confidence and self-esteem.





Parents were invited to a special assembly to hear about this cross-curricular project and the work of every year group and subject was celebrated in song, poetry, demonstrations and displays.

Emma Stibbon RA visited the school in January 2018 and talked to the pupils about her travels, her work and her love of art. She then toured the school to see the work they had produced and talked personally with many of the pupils.

The school would like to express its sincere thanks to artist Emma Stibbon RA, Professor Katharine Cashman FRS, Professor Stephen Sparks FRS CBE and Charlotte Villiers, Exhibitions and Outreach Coordinator, Eton College.

ETON END SCHOOL
(not to scale) Tour areas in red

VOLCANO

