

A Whole Lot of Lava!

Rationale

For our creative curriculum in the Spring term, we learnt all about volcanoes. We thought about why and how volcanoes explode and the impact on the planet when they do!

Creativity	Independence	Aspiration
<ul style="list-style-type: none"> -We made erupting volcano art using a range of resources. -We made model volcano models which we then made explode at our open evening event. -We designed and made shelters for people whose homes had been damaged by volcanoes. 	<ul style="list-style-type: none"> -We planned and carried out our own experiments. -We wrote an adventure story based on a volcanic eruption. -We thought about how volcano eruptions affect life for people that live close by. 	<ul style="list-style-type: none"> -We learnt map reading skills and put them into practise. -We made our volcanoes erupt at our open evening and invited our parents to help us!

Spark

We invited an explorer into class to learn about volcanoes and ask our questions. We then learnt some amazing map skills and used them to complete our own 'expedition' in the playground!

We thought about what else we wanted to learn during our topic and created a 'why wall!' Our aim was to answer all of our questions by the end of our topic and we did!

Role Playing/Life Skills/Real Learning

We met a real life explorer and asked them what it is like to have that occupation.

We learnt map skills during an orienteering session with Adrian Hall.

We imagined what life is like after a volcanic eruption and made a survival kit to show what we would need to survive after a volcanic eruption.

Out of Classroom Opportunities

We went orienteering with Adrian Hall.

We tried our shelters out on the playground and tested if they were waterproof and wind resistant!

Learning Celebration

We celebrated our learning by inviting our parents into school to see our volcanic eruptions! We explained to them how volcanoes explode and shared our learning with them. We also made a fantastic display of our writing for our classroom and for the school reception area.

Community Cohesion

We shared our learning experience on our blog. We invited our parents into school to see our volcanoes erupt at our open evening event. We also invited children from other classes to take part in our experiment and see if they could make a huge eruption!

Home Learning Activity

Alongside our homework, we could use these websites to find out more about volcanoes!

-<http://www.primaryhomeworkhelp.co.uk/mountains/volcanoes>

- http://www.ngkids.co.uk/science-and-nature/VolcanoFacts?authent_user=bluecoat.lincs.sch.uk%5Cstjs001&authent_user_sig=6e3ac1647e6495c51107c3b3a3ae0654&authent_session=4ac1a454bba3a67c571b7bf11b0dbb0e&authent_session_sig=65f8efb06544775458e318a1ee5ffb6b

- http://www.ngkids.co.uk/science-and-nature/VolcanoFacts?authent_user=bluecoat.lincs.sch.uk%5Cstjs001&authent_user_sig=6e3ac1647e6495c51107c3b3a3ae0654&authent_session=4ac1a454bba3a67c571b7bf11b0dbb0e&authent_session_sig=65f8efb06544775458e318a1ee5ffb6b



A Whole Lot of Lava!



Computing and E-safety

In our research, we continued to learn about trustworthy and reliable websites to find information. We have used book creator and explain everything on the iPad to practise using technology to produce our writing. We learnt about what to do if we received or saw something online that made us feel uncomfortable. We then shared this information with the rest of the school on e-safety day.

Links to discrete subjects: Literacy Maths RE Music MFL PHSE

English- We wrote an explanation text to explain how a volcano erupts. We made our own glossary for different parts of a volcano. We wrote a diary entry from the perspective of someone whose house had been destroyed after an eruption. We wrote instructions about how to make a model volcano. We also wrote a description of a volcanic eruption.

Maths- We learnt how to measure weight and capacity and used this to measure out ingredients to make our volcanoes erupt. We used directions in our map reading skills.

Art and D.T- We made a model volcano. We used a range of art resources to create a volcanic eruption picture. We also used our construction skills to work as a team to make a shelter for someone who lost their home in a volcanic eruption. We followed instructions to make fossils. We developed our sketching skills in our new sketch books.

PSHE- We learnt about the impact on real life after a volcanic eruption. We empathised with people who lost their homes.

Science- We thought about scientific reactions to make our volcanoes erupt and discussed what it takes to carry out a fair test. We learnt about how fossils are formed. We thought about what a human needs to survive and what we need to be healthy.

Geography- We looked at the location of volcanoes around the world and compared them to our own locality. We used maps and direction to take part in orienteering.

British Values

We thought about how life changes for people that live in places where there are volcanic eruptions and empathised with them.

Promoting Health and Wellbeing

We designed survival kits. Thinking about what humans need to survive. We thought about what it is that humans need to stay healthy.

Steps to success

1. To take part in an adventurer workshop about volcanoes.
2. To create a range of art and design technology.
3. To think about a healthy lifestyle.
4. To write a range of texts using volcanoes as a stimulus.
5. To create fair scientific experiments.

A Whole Lot of Lava!



How will the project be evaluated?

We evaluated our project by reflecting on our learning. We were able to share our exciting experiences and give our opinions on which things we enjoyed the most. We also enjoyed sharing how successful our learning had been through our writing, in particular our adventure stories, instructions and diary entries!

