

EXPRESSIVE ARTS

- Create own volcanic layered artwork inspired by the artist Margaret Godfrey.
- Dance using volcanoes as a stimulus.

LANGUAGES, LITERACY AND COMMUNICATION

- Write a newspaper report – using 'Geography in the News' to pinpoint a recent volcanic eruption.
- Identify features of a newspaper.
- Create headlines using emotions and humour.
- To use a 'story trail' to plan events of an eruption.
- Using and reading an encyclopaedia on Hwb to obtain information.
- To research different types of volcanoes.
- To draw and label a cross-section of a volcano.
- To write an explanation text – What happens when a volcano erupts?
- To write a non-chronological report – Natural Record Breakers.

HEALTH AND WELLBEING

- PESS Gymnastics.
- Games - Hockey Skills.
- Forest Schools – RSPB Bird Watch (mini-topic)
- The Learning Pit – Skills for developing a growth mindset.

Topic/Theme – Extreme Earth Why is our physical world so wondrous?

- Revise Map work – Where are the continents in the world? Where are the seas?
- Discuss the Natural Wonders of the world. Link to World Record Breakers and where they are in the world.
- The highest waterfall.
- The highest mountain.
- The largest rock.
- The deepest ocean.
- The largest volcano.
- Independent Research – Children use the Internet to research a natural record breaker.

- Data Handling – Use data stating how many volcanoes there are in different countries. Present data as a bar chart using IT and then interpret their results.
- Ordering 4-digit numbers – Order the heights of different mountains.
- Measuring Skills – To weigh the mass of rocks before and after being in water.

- Science Investigation – How does a volcano erupt? Use of vinegar, red food colouring and bicarb of soda to create a chemical reaction. Write up investigation.
- Rocks – Which rocks are made from volcanic eruptions? Look at the appearance and properties of basalt, pumice and granite rocks.
- Investigation – Are rocks absorbent? Children use prediction, planning and evaluating skills to write up investigation.
- Structure of the Earth – crust, mantle and core.

HUMANITIES

Year 4 Parent Planner

MATHEMATICS AND NUMERACY

Spring Term 2021/22

SCIENCE AND TECHNOLOGY

Pentrepoeth Primary School

Our Parent Planner

Our bespoke 'Challenge' curriculum aims to ensure children have a wide range of teaching and learning experiences and activities to enable children to maximise their potential and to support the four purposes as the foundation of everything they learn. This parent planner aims to give you an overview of the main areas of learning and experiences children will focus on in this topic as well as develop and apply their literacy, numeracy and digital competence skills across the curriculum.

How you can help at home

- 10 minutes of reading everyday (Complete reading record once a week)
- Reinforcing spelling strategies with children (5 spelling words every fortnight)
- Supporting Mathletics and Abacus – while also practising times tables
- Chatting through Big Talk homework to support and enhance understanding of topic and increase vocabulary
- Promoting creativity, innovation, thinking, planning and organisational skills through project work
- Discuss safe internet use for research purposes while ensuring your children are safe online

Home Learning

- Have a go at the Maths tasks allocated on Google Classroom, Mathletics or Abacus
- Read your book for 10 minutes every day.
- Project Homework – Research a famous natural record breaker of your choice. Present your learning as a PowerPoint, a report or a poster.
- Watch Newsround to learn about current events.

Useful Links – Many included on Google Classroom

- Maths- Complete tasks set on Mathletics <https://login.mathletics.com/>
- Practise your times tables and division facts on Hit the Button <https://www.topmarks.co.uk/maths-games/hit-the-button>
- Reading- Read some books on Bug Club <https://www.activelearnprimary.co.uk/login?c=0>
- Welsh- Practise your Welsh by playing some games <https://www.learn-welsh.net/welshgames> & Practise your Welsh Placemat on our website
- Explore BBC Bitesize for any additional activities. <https://www.bbc.co.uk/bitesize/collections/year-4-and-p5-maths-lessons/1>
- Log into Hwb to access Just2Easy <https://hwb.gov.wales/>
- Art – Draw with Rob Biddulph <http://www.robbiddulph.com/draw-with-rob>