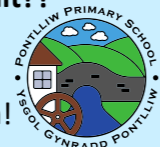


Year Group - 4

Big Question: Why do we push ourselves to the limit??

Trip / Visit – Cardiff Museum / Outdoor pursuits



Planting the seeds for a lifetime of growth!
Plannu hadau I dyfu am oes

RESPECT CARE COMMUNITY

Entry Point Activity:

Investigate how different types of mountains are formed.

Exit Point Activity:

Exploding volcanoes!

Key
CCN - Cross-curricular Numeracy
CCL - Cross-curricular Literacy
DC - Digital Competence
CC - Cwricwlwm Cymreig / Cynefin

Special Events and Celebrations

- 1)
- 2)
- 3)
- 4)

Language, Literacy and Communication

Oracy

- Discuss the pros and cons of various recycling, clean energy schemes and other ways to prevent or reduce global warming.
- Paired discussion – book review of “The Firework Maker’s Daughter”.

Reading

- The Firework Maker’s Daughter – Philip Pullman
- The Race to the Frozen North
- Mountain Adventure stories
- Texts around global warming and recycling
- Diary entries (supporting writing of recount)

Writing

- Explanation text – how do volcanic eruptions occur.
- Narrative recount – a diary entry of an expedition up a mountain (could be historical) OR Recount of a trip (if we are able to go)
- Science investigation write-up

Welsh Language Development

- Reading from IWB/Big Books – Babs a Benja, Wales on the map etc...
- Oracy – daily drilling sessions, describing simple activities in past tense
- Writing – recount writing of a simple activity.
- Pod yr Antur (CHECK!) continuation through the scheme

Mathematics and Numeracy

Week 1: Recap time (and move on to fractions)

Week 2: Practice assessments / familiarisation (look at the problem solving)

Week 3: ASSESSMENT WEEK

Week 4: Interpret data in charts

Week 5: Collect data and display in charts

Week 6: Work with money (addition and subtraction to 2dp)

Week 7: Measuring volume in practical ways, including to solve problems

Week 8: Recognise (and sketch) 2D and 3D shapes, sorting using own criteria

Week 9: Measuring and drawing lines to nearest mm / recognising and drawing parallel and perpendicular lines

Week 10: Identifying lines of symmetry and drawing reflections

Week 11: Using one and two step function machines across all 4 operations

Week 12: Extended problem solving week

Notes: RICH TASK – recap multiplying and dividing by 1000 when scaling mountains.

Mental Maths Tests – Start the term with Section 3.

Mini Question 1: What makes a mountain?

Science and Technology

- Introduction to changing state (solids, liquids and gases) focus on reversible and irreversible changes.
- Measure and compare rainfall in mountain locations

Expressive Arts

- Listen to “Night on a Bare Mountain” and/or “In the Hall of the Mountain King”
- Compose Mountain inspired soundscapes
- Research Welsh landscape artist – Chris Neale
- How are mountains shown in art?

Humanities

- What is a mountain and how are they formed?
- Where can the world’s highest mountains be found?
- What are the tallest mountains in Wales? Where are they?
- What is life like in the mountains?
- What habitats and wildlife can be found in the mountains?
- What would you need to survive in the mountains?
- What are the pros and cons of mountain tourism?

Health and Well-being

- Why do people push themselves to climb mountains?
- Bat and Ball games – (kick) rounders

EPIC:

How tall is Mt Everest? When was Mt Everest made? Are all mountains taller than the clouds? Is Mt Everest popular? Can people climb to the top of Mt Everest? How are mountains formed? Why do mountains have snow on them, if they are close to the sun? Can humans make a mountain? Is Mt Everest dangerous? What is the tallest mountain in the Uk? How many mountains are there in the world? Is Mt Everest the biggest mountain?

Mini Question 2: Why do people choose to live near to volcanoes?

Science and Technology

- Building a model volcano.

Expressive Arts

- Compose a ‘fire dance’ based on The Firework Maker’s Daughter
- How do film makers film in extreme temperatures?
- Create a short play or freeze-frame photo story of a volcanic eruption in Pompeii.

Humanities

- What are volcanoes and how are they formed?
- Where in the world are volcanoes located?
- What is the largest volcano in the world?
- How does an eruption occur? What is the impact?
- What happened in Pompeii?
- Why do people live near to volcanoes?
- How might people prepare for a volcanic eruption?

Health and Well-being

- Bench ball league

EPIC:

How do volcanoes erupt? Is it true volcanic ash is good for plants? Does China have volcanoes? Why do scientists collect samples of lava? Are there any volcanoes in the Uk? What makes volcanoes so hot? How does a volcano erupt underwater? How many volcanoes are there? Why do people climb them? How far does the eruption go into the sky? Why do they erupt? How big is the ring of fire? How dangerous are volcanoes?

Mini Question 3: How can we push ourselves?

Health and Well-being

- SRE – changes in relationships, including babies
- Target setting for year 5 and beyond – what would I like to achieve?
- Can we set our own records?!
- Benchball League continued

Science and Technology

- INVESTIGATION – changing state – which objects or materials melt the quickest or slowest?
- How do people compete in different climates – snow, sand, rock, water?

Expressive Arts

Humanities

- What is an extreme athlete?
- What are endurance sports?
- Who is Russell Cook?
- Why is Everest so dangerous? Who first climbed it?
- What are the dangers of extreme sports?
- Who holds the most impressive world records?
- How can we challenge ourselves?

EPIC:

How fast can a bobsled go? Guinness World record deep dive? Is Simone Biles an extreme athlete? What are extreme sports? What is the most extreme sport? What is the most dangerous sport? How can top athletes focus so well? Who invented the bobsled event? What is the most popular extreme sport? The first extreme sport? How is bobsled an extreme sport? What’s the difference between kick-boxing and boxing? Is skateboarding and roller-blading considered an extreme sport?

“A ship in port is safe...but that’s not what ships are built for.”