Llantilio Pertholey Primary School -Topic Web Year 3 & Year 4

How does this work?

Literacy across the curriculum

Instruction writing – write instruction to how to make a ball.
Explanation: how do things bounce?
https://www.science-sparks.com/bouncing-balls/
Creating posters- advertising your bouncing ball.
Creating information leaflets about snow.
Labelling diagrams of a snow flake.
Creating a weather forecast video or Powerpoint.

Narrative- write a story about getting stuck in the snow.

- Draw a story map
- Sequence events
- Include description of place, build up, problem, resolution and ending.

Numeracy across the curriculum

Data collection

- Rain collection https://www.bbc.co.uk/breathingplaces/collect_rainwater/

Time Learn to tell the time, both on an analogue and digital clock.

- Time how long it takes you to run up stairs. Times it by 10. Compare the calculation with the real time it takes you to run 10 times. Time other things- writing your name 10 x, etc.

Money add up the till receipt using a calculator. Did you get the same result? Was there money off anything?
Temperature- what temperature does water freeze? Boil?

Science and Technology

Weather

- Investigate snow – https://thehomeschoolscientist.com/fake-snow-stem-experiment/
- Rain collection
- What are Seasons ? https://www.bbc.co.uk/bitsize/topics/zkvv4wx/articles/zcx3gk7

Design and make a ball. https://www.science-sparks.com/bouncing-balls/

- What materials made it more bounce higher?
- Test your ball on different surfaces to determine which is the best surface to make it bounce the highest.

DCF

- Collect data and present it in graphs
- Use photographic devices to take photographs and videos
- Collaborate with a partner on a digital piece of work

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Humanities

Investigate Rivers across the world. Which is the longest? Widest? Are there any salt rivers? What things live in Rivers? Compare fast flowing waters and still waters. What makes them different?

Investigate time differences across the world. Do all children spend the same amount of time in school in every country?

Expressive Arts

Sketch a snow flake under the microscope (bing.com/videos) Use line and tone and shading for definition and 3D effect.
Research famous pictures of water. Which ones do you like and why? Create a picture of calm water and water in a storm.

Health and Wellbeing

Why do we drink water?

How much water should we drink?

What materials work best to keep us cool? And warm?

How do we keep clean? Why is it important?