



Dear Parents/Carers,

Happy New Year! Our new topic will allow the children to learn about the planet's coldest lands... vast wilds, hostile territories, incredibly beautiful but often deadly. They will learn how explorers have trekked bravely and valiantly across this treacherous terrain to the ends of the Earth, treading deep in snow or pulled by a team of mighty sled dogs. We will discover more about the magnificent mammals that roam these lands, research facts and figures of climate, temperature, habitats and eco-systems as well as discovering more about the Antarctic rescue team who work and live in this environment.

- **Reading books** should be brought into school **every day**. Your child should be reading one book per week. Once they have read their book the children complete a short comprehension check. The short test allows us to monitor your child's level of understanding. Please read with your child **every day for 10 minutes**, it is a key skill for learning and for life.
- Children will continue to have PE lessons on a Monday and a Thursday, and they should continue to come to school in their PE kits on these days. Just a reminder that they will go out for PE lessons in all weathers, so they will need the following, depending on the weather - shorts, tracksuit bottoms, jumper/sweatshirt, t-shirt, trainers and socks. **Children are not allowed to wear jewellery at school.**
- Homework tasks remain the same as the Autumn Term – Century, Reading and TTRS. We may occasionally send additional homework from time to time, for example small reading comprehension tasks or maths tasks to consolidate the learning from the week.

### English

#### Chronological Report

The children will write a chronological report about the 'Sinking of the Titanic'. How did the disaster occur, what was the state of the equipment and how thorough were the evacuation procedures?

#### Diaries

Investigate the final days of Captain Robert Scott's expedition and then write a diary entry about the events and the final days of the doomed expedition and how the team would have felt.

#### Flashback Narrative

The children will be writing a flashback story about the struggle to reach the South Pole, based on the Polar Exploration lessons we will be focusing on in our topic lessons.

### Maths

#### Arithmetic

Solve mental calculations which involve multiple operations.

#### Problem Solving

- Use all four calculation methods and solve word problems.
- Develop reasoning and fluency skills.

#### Converting Units

- Solve problems involving the calculation and conversion of units of measure.
- Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit.

#### Geometry – Shapes

- Draw 2D shapes using given angles and measurements.
- Compare and classify geometric shapes.
- Recognise angles and find missing angles.

Computing	Algorithms and Programming	The children will use 'Scratch' to develop their programming skills and understanding of algorithms.
Science	Classification	The children will be: <ul style="list-style-type: none"> <li>• Describing how living things are classified into broad groups according to common observable characteristics.</li> <li>• Classifying plants and animals</li> <li>• Finding out about the significance of scientists work, for example Carl Linnaeus</li> </ul>
RE	Is it better to express your religion through art or charity?	This investigation enables pupils to learn in depth from two different religions about why their holy buildings and works of art matter to them as expressions of devotion to God and worship, and about how they practice generosity and charity.
Music	Soundscapes	The children will improvise and compose music for a range of purposes using the interrelated dimensions of music. They will create a sound track that captures the beauty of the Northern Lights.
PE	6LG 6KE	Rugby and Football Rugby and Football
History	Emigrations and exploration in the early 1900's.	Investigate life onboard the Titanic. How did life differ for the rich and the poor passengers? Create a timeline of polar exploration.
Art	Painting	The Northern Lights

### Things that you could do at home:

Create a poster or brochure for a new travel company which arranges visits to the Arctic or Antarctic. Use powerful images and text to tempt customers who want an extra special trip.

Design a pair of snow boots for an Arctic explorer.

Use a range of snowy images to create a polar collage.

Here are a few websites that may help to support your child's learning during this half term.

#### Maths

<http://www.bbc.co.uk/bitesize/ks2/maths/>

Number, Place Value, Four Operations, Fractions, Geometry, Handling Data

<https://app.century.tech/login>

Use your login details for Century Maths and try to complete all the nuggets.

<https://ttrockstars.com/login>

#### English

<http://www.bbc.co.uk/bitesize/ks2/english/>

Reading, Writing and Grammar

<https://app.century.tech/login>

Access the new reading and grammar courses on the Century Tech website.

#### Science

<https://www.bbc.com/bitesize/topics/zj44jxs>

Electricity – circuits.

<https://app.century.tech/login>

Access the new science course on the Century Tech website.

Mrs Ellis, Miss Ciackowska, Mrs Hickinbottom, Mrs Batson, Mrs Brown & Mrs Porter  
Year 6 Team