



Year 5 – Autumn 2 – What makes the poles unique?



Big Bang Day will be on 04/11/25. The children will immerse themselves in the exciting topic of frozen states by experimenting with changes of state.

Maths:
This term, the children will continue to deepen their knowledge of multiples and division, applying it to prime, cube and square numbers and exploring fractions.

English:
This half term, the children will be using our core text '*Race to the Frozen North*' to generate vocabulary to write poetry, diary entries and a biography, enhancing their creative and descriptive writing skills.

Science:
Children will conduct engaging experiments and discover more about materials and their properties and learn what is meant by reversible change while separating different substances.

Geography:
Children will be learning about the Arctic and Antarctica (North and South Pole), their climates, physical features and the impact human activity is having on the Poles.

Computing:
Children will learn about spreadsheets and functions and how to use the Numbers app, gaining hands-on experience organising data and performing various functions to analyse

Art:
This half term, the children will focus on the artist Heather Polk, investigating her layering technique to apply it in creating their own digital artwork.

Examples:



Religious Education:
The children will be exploring answers to the question 'If God is everywhere, why go to a place of worship?' through engaging discussion, activities and their reflections.

Physical Education:
This term, children will learn dodgeball and Outdoor Adventurous Activities (OAA). OAA and dodgeball will develop their physical skills and well-being to support collaboration.

Personal Development:
This term, the children will focus on the school value of resilience, alongside British Values and equality, fostering a strong sense of perseverance and respect for diversity.

Music:
Children will learn about music from all around the world and explore what tempo means.

MFL:
This term we will learn about places about the home, the living room and the kitchen. We will learn prepositions and finally look at foods eaten at Christmas in Spain.

Trips and Visits:
We will be the penguins at Sealife London and St Paul's Church for our Christmas Carols.

Core Text

