MATHS

- **Angles –** Calculate angles on a straight line, around a point and within shapes using known facts.
- **Properties of shapes –** continue to calculate dimensions, area and perimeter within shapes
- **Co-ordinates –** Learn about the four quadrants and translations and reflections within them.
- **Square and cubed numbers –** understnad what these are and how they are represented and used.

ENGLISH

Scott Of The Antarctic

- Explore the historical diaries of Captain Robert Falcon Scott on his fatal expedition to the South Pole and discuss the detail of his journey.
- Create a diary based on the journey of Ernest Shackleton on his Endurance Trans-Antarctic Expedition

Rose Blanche

- Explore the story of Rose Blanche, a book focussing on a young and innocent German girl during WWII.
- Create a story based on Children's experiences of War.

SCIENCE

- The circulatory system and its functions
- Transporting Water and Nutrients through the body
- Exercise investigation
- Impact of drugs and alcohol on the body

HISTORY

- Victorian Exploration and Empire
- Explore key figures and events within exploration
- Explore the causes of expansion and exploration as technology changed
- Compare and contrast polar activity then and now.

Frozen Wasteland or Hidden Diamond?



GEOGRAPHY

- Polar Regions
- Location of different climate zones and biomes
- Adaptations to survive in extreme conditions
- Polar days and nights
- Rotation and position of the Earth
- Geographical features of the polar regions

SMSC

- **RE –** What is freedom of expression, and should there be any limitations on it?
- **Jigsaw** – Healthy Me

PHYSICAL EDUCATION

- **Orienteering–** Outdoor adventurous activities which wiill encourage the children to develop teamwork skills within a physical setting.
- **Real Dance –** Children will look at how they can make shapes with their body and the abstract artistry of dance.

COMPUTING

Online Safety

- Cyberbullying – Good strategies
- Secure websites – Identifying secure website and privacy approvals
- People online – How the media shapes our ideas and expectatios of boys and girls
- SMARTbots - Apply Knowledge of Online Safety to create Multiple Choice Quizzes

ART AND D&T

- **Art - Drawing and Sketchbooks: 2D Drawing to 3D Making**
  - Children consider how 2 dimensional drawing might relate / transform to 3 dimensional making.
- **D&T – Felt phone cases –**
  - Children will write their own design criteria and design products with the user in mind thinking about aesthetics and functionality.
  - Children will make a paper template and how to sew a running stitch, backstitch, whip stitch and blanket stitch.
  - Finally, they will write a detailed evaluation.

MUSIC

Charanga – You've got a friend

- Listen and appraise the song "You've got a friend – Carole King" and other songs in different styles about friendship.
- Build knowledge and understanding about the interrelated dimensions of music.
  - Find the pulse in the song
  - Learn to sing the song
  - Play instruments with the song
  - Perform the song