

English

- Recount and letter writing based on *Scott of the Antarctic* and *Shackleton's Journey*
- Non-chronological report writing
- Narrative – adventure writing - using film as a stimulus
- Transmission report writing
- Reading lessons and *Book Talk* daily
- Spelling and handwriting

Science

- Changes as humans develop to old age
- Earth and Space, including movement of the earth and planets, movement of the moon, the sun, day and night
- Forces, including gravity, air resistance, water resistance, friction and mechanisms such as levers, pulleys and gears.

Maths

- Fractions
- Decimals and percentages
- Solving problems using all four operations (using written and mental methods)
- Geometry: Properties of shape
- Geometry: position and direction
- Measurement: converting units

Design and Technology and Art and Design

- Improving mastery of art and design techniques using a variety of media
- Artwork depicting journeys
- Create artistic portrayals of planets
- Use research to design, make and evaluate a fit-for-use spaceship / explorer

History

- History of exploration, focussing on Robert Falcon Scott's 'race' to the South Pole and Shackleton's journey.
- History of space travel including famous historical figures such as Katherine Johnson and Mae Jemison

Year 5 Summer Term:

Exploration and Endeavour

Computing

- Using laptops and iPads to research and present
- Internet safety
- Using *Espresso Coding* to use sequence, selection and repetition in programs

R.E.

- Creation stories
- Journeys

P.E.

- Net and wall games with Laura
- Invasion games and athletics with Coach Charlie.

Geography

- Locational Knowledge: latitude and longitude, Northern and Southern hemispheres, the Arctic and Antarctic circle and time zones, with a focus on Antarctica
- Human and Physical Geography in Antarctica, including mountains, glaciers, ice shelves, types of settlement and land use
- Skills and fieldwork: map skills, compass points, grid references and keys.

P.S.H.E.

- 'Breathe' programme.
- SRE – changes during puberty

Visits

Hampstead Heath
Other visits still to be confirmed.