

**Maths**

**As mathematicians we will be:**

Representing numbers in different ways

Including partitioning.

Using all four operations to calculate.  
Discussing when to use formal methods and when to use mental strategies.  
Estimating in order to improve accuracy.  
Using the inverse to check and improve accuracy.  
Finding multiple solutions to a problem or question.  
Demonstrating understanding through discussions, pictures, diagrams and with concrete resources.

**Science**

**As scientists we will be:**

Planning investigations, recognising and controlling variables.

Taking measurements and recording accurately.

Commenting on findings and summarizing results.

Comparing and grouping materials

Demonstrating changes in states of matter.

**Music**

**As musicians we will be:**

Listening, singing, playing, composing and performing.  
Using appropriate software in order to create music.

**PE**

**As sports people we will be:**

Working as part of a team

Developing our communication skills.  
Developing tactics and understanding of principles of invasion games.

**French  
As linguists we will be**: learning to read, speak and write about ourselves, where we live and our interests.

**Computing**

**As programmers we will be:**

Using technology safely, respectfully and responsibly.

**Geography & History**

**As geographers we will be:**

Comparing conditions in Antarctica to other regions of the world.  
Considering the impact of climate change on Antarctica.

**As historians we will be:**  
Retrieving information about important historical events.  
Interpreting information on and discussing the cultural impact of the age of exploration.  
Demonstrating our understanding of historical events through writing, drama and discussions.

**PSHE**

As young people we will be:

Using JIGSAW to explore ‘Being Me in My World’ talking about hopes and dreams for the years ahead. Listening to others and sharing our own ideas. Understanding our place in our world.

**English**

**As readers we will be:**

Using ‘Holes’ our class novel to build vocabulary, inference, prediction, explaining and summarising skills.

**As writers we will be:**

Writing persuasively to apply for Shackleton’s crew.  
Writing in character about experiences during Shackleton’s journey to Antarctica.  
Showing an awareness of historical context and using appropriate formality and vocabulary.  
Considering how to present information in order to inform and entertain readers.

As linguists we will be:

Exploring language and speaking and listening skills through drama.  
Developing active listening skills during discussions.

Autumn Term 2023

Silver Birch

***What makes a good friend?***

**Religious Education**

**As young people we will be:**

Learning about Humanism.  
Discussing different belief systems.  
Being respectful and reflective when sharing views

**DT  
As designers we will be**: creating our own representations of Shackleton’s journey