

Year 5
Autumn Term

This term our Learning Journey is

Voyages of Exploration

Where possible, our learning in each subject will have links to our learning journey.



Geography

We will be becoming navigators – learning about coordinates in greater depth and understanding lines of longitude and latitude.

Science

We will be understanding and investigating properties of materials and then looking at insulators and conductors.

Computing

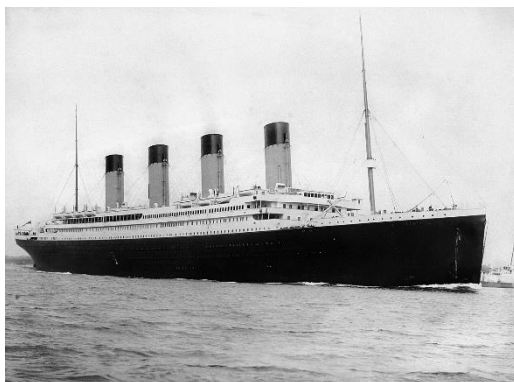
Firstly, we be looking how to use computer systems to create and use databases and then we will be learning how to code a new game through Scratch.

Music

Class 11 will be learning the cornet this term
Class 12 will be learning all about rhythm and pace through sea shanties.

RE – in last 2 weeks of the term

What do different people believe about God?
What does it mean to be a Muslim?



English

Texts we are focusing on:

Titanic Survivor
Ice Trap!
Various non-fiction books about global warming



Maths

Topics we'll be covering:

Place Value
Addition and Subtraction
Multiplication and division fractions

Art

We will be looking at the art of Francis Hatch and discovering how to build texture in our own icescape images.

History

Firstly we will be looking at the Titanic disaster and the equity of the social classes of the Edwardian times and then exploring Antarctica and the role of Shackleton on his great expedition.

DT

We will be looking at food and nutrition and designing our own energy bars that we could use on an expedition.

RSHCE

Topics will include:
Prejudice, friendships, knowing how to safe and also puberty and growing up.

PE

Our outdoor PE this term is swimming at Caterham high school. In Gymnastics we will look at counter balance and counter tension.

Learning Beyond the Classroom

Reading

Newspaper Articles: Look at archived or recreated 1912 newspaper front pages
Read snippets of real survival logs, such as Ernest Shackleton's South or eyewitness accounts from Titanic survivors.

Watching

Watch historic black-and-white film footage of Ernest Shackleton's crew setting sail
Watch clips from BBC or National Geographic documentaries showing the 2022 discovery of the Endurance shipwreck at the bottom of the Weddell Sea.

Listening

Listen to traditional maritime work songs and sea shanties that sailors sang to stay motivated during long, difficult voyages.

Talking

Ask:

What is the main difference between the purpose of the Titanic's voyage and the Endurance's expedition?
How has technology changed ship navigation and rescue missions since 1912?