

OAK CLASS - Autumn Term

"Tragedy at Sea" and "The Space Race"

English

In Talk4Writing this term, we will start to perfect our descriptive writing through setting and character descriptions, embedding a range of high-level literary devices.

We will then write newspaper articles that report on the tragedy of The Titanic.

After half term our focus will be poetry, then non-chronological reports about the astronauts involved in The Space Race.

Daily grammar lessons will continue, with weekly spelling tests and targeted vocabulary sessions.

Comprehension will also be regularly covered to develop inference, summarizing and sequencing skills.

We are reading...

Maths

We will focus on daily basic skills sessions for quick recall. Areas that children will cover include:

- Place Value
- Addition, Subtraction, Multiplication and Division
- Fractions
- Converting Measurement (Y6)

Children will use TT Rockstars to secure their knowledge of times tables and complete regular arithmetic tests. All maths understanding will be challenged and scaffolded using mastery and reasoning.

Science

This term, our first science topic is forces, where we will plan different types of scientific enquiries to investigate:

- Gravity
- Friction
- Air and water resistance
- Pulleys, levers and mechanisms

In the second half, we will be examining how light travels, reflects, refracts and how a prism changes the ray to show the spectrum. There may even be time to put on a puppet show!

RE

In RE, we will be looking at Judaism; explaining their beliefs about God, making connections and considering the value of tradition, ritual and community.

After half term, we will follow the Understanding Christianity scheme of Gospel and how Christians decide to live. We will look to the Bible to explore this, and reflect on what Jesus would do.

Art and DT

The children will learn about perspective and use this understanding to create Titanic drawings. They will study the work of Robert McCall, an artist who created futurescapes through the skills of:

- Shading techniques
- Mixing paints to apply different shades
- Use sketchbooks to record drawings from observation
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In DT, the class will design a moon buggy suitable for astronauts to explore the surface of the moon. This will involve mechanical systems and reinforcement of outer frames.

History

This term we will learn about the significance of The Titanic. We will understand the chronological events that led to the tragedy by investigating sources from the past. We will investigate the social differences on board the ship, and reflect on how the sinking of The Titanic changed following events.

After half term we will be exploring The Space Race, which countries were involved and how it impacted on space travel.



Geography

Through our topic of "The Space Race", the children will look at the countries involved in The Space Race.

In "Tragedy at Sea", the children will:

- Use atlases and online mapping tools to locate some of the significant places linked to the Titanic.
- Read the longitudinal and latitudinal co-ordinates that are significant locations to the Titanic.

Music

After half term, the class will focus on dynamics, pitch and texture through Fingal's Cave.

They will discuss the sounds of an orchestral piece using musical vocabulary, create a graphic score to represent sounds and follow a conductor to show changes in pitch, dynamics and texture.

PSHE

This term, our Jigsaw PSHE curriculum will be split into two areas; Being in My World and Celebrating Difference. They will discuss what it means to be a global citizen how we behave can impact others.

The children will also explore disability and appreciate people for who they are.



Computing

This term, the children will start by remembering how to stay safe online, communicate and keep a positive reputation. As well as what to do if they feel unsafe.

In the second half, they will then look at Data Handling and how data is collected from space using binary codes as well as the computer architecture of the "Mars Rover".

French

Oak class will continue to learn French, starting with numbers 50 – 100 and explaining emotions. They will be focusing on being able to verbalise, read and write vocabulary and phrases about their personalities.

PE

We will continue with practising the skills and techniques necessary to be successful in team games through netball and tag rugby. These skills include:

- Pivoting, dodging and passing
- Attacking and defending
- Playing in different positions
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The children will take part in dance; simple line dances and gymnastics where they will create and perform counterbalances.

September – Courage
October – Responsibility
November – Peace
December – Joy