Year 5

Autumn 2 — Feel the Force

Literacy

Due to global warming and flash floods, the United Kingdom is slowly becoming submerged by the merciless sea. Floodland, by Marcus Sedgwick, follows the life of Zoe who has been abandoned by her family and must find dry land. Unfortunately, the land she finds is already inhabited...

We will be writing for a range of purposes across the topic: this will include a narrative - our own version of Chapter 2 of Floodland; a Balanced argument considering whether Zoe should leave Eels Island; a script in the style of a Newsroom broadcast and a festive poem to share with the local care home to end the Autumn term.

Maths

Through our understanding of fluency, reasoning and problem solving, we will be working on a variety of topics and skills this half term. These include:

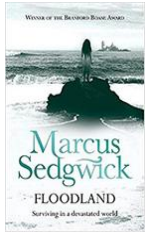
- Understanding multiples, factors & squares;
- Exploring mental strategies for multiplication & division;
- Exploring and selecting appropriate strategies to multiply and divide;
- Calculating perimeter;
- Calculating area of composite rectilinear and non-rectilinear shapes.

Science

What impact do different forces have on Zoe's chance of survival from the devastating flood? We will be investigating air resistance, water resistance and friction to consider what materials will give Zoe the most protection from the harsh environment. We will also discover the best resources she can find to create a vessel to get her to safety quickest. Alongside this, we will explore levers, gears and pulleys and how they make scavenging for heavy items easier. What is gravity? Finally, we will investigate Newton and Aristotle's theories about gravity and use Newton Meters to find out the gravitational pull of different items.

Religion and World Views

This term, we are learning about the creation narrative which is shared by Jews, Christians and Muslims. Most Christians believe that God created the world and all living things and has put humanity in charge of its care. We will also be enquiring about humanity's free will and choices and how these link to the fall, suffering and the Second Coming.





Our Power of Reading text this term is Floodland by Marcus Sedgwick

PSHE

In PSHE this term, we will be starting our new topic: Celebrating Difference. We will compare our own lives with those in the developing world, alongside understanding how cultural differences can cause disagreements. This will form discussions surrounding how we treat others regardless their own backgrounds.

Art

This half term, we will be learning all about Katsushika Hokusai's famous artwork 'The Great Wave off Kanagawa'. They will practise different art techniques such as experimenting with different drawing, printing and painting styles in order to create their own version of the piece of art.

Music

We will be continuing to work with Primary Robins on their singing on Thursday mornings. In Musicianship this term, pupils will enhance their musical understanding by exploring new pitches and rhythmic concepts within the sol-fa system. They will be introduced to the notes "do" and "re," expand their knowledge of the pentatonic scale, and learn to read and use ledger lines, building their understanding of pitch structure.

PE

In our Wednesday PE sessions, we will be focusing on our Gymnastics, along with continuing our Hockey sessions. We will be aiming to learn routines suited to a particular audience, using appropriate apparatus and floor routines. The children will be working in groups to create a sequence that involves a variety of skills and balances.

Computing

This term in Computing, we will be developing our coding skills through creating a boat trip on Lego Spike that may have been useful for the society in our Power of Reading text! We will develop our programming and debugging skills and will be able to explain how the code has supported its movement.

Geography

Linking into our text, we will continue to identify human and physical characteristics of a place. We will then identify key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time. We will study this alongside climate change and how flooding is impacting the modern world.

French

This term in French, we will be learning to ask our peers if they have a pet - As-tu un animal? and also, we will be able to answer this question in return.

KEY DATES:

Monday 2nd November - Back to school
W/C 9th November – River Walk
Friday 27th November – Santa Fun Run
Tuesday 15th December – UKS2 Christmas performance
Friday 18th December – End of Autumn 2