

Pioneers Class Spring Term 2022

Team: Mrs Maloney, Mrs McDougal and Miss Ryan, Mrs Ashdown and Mr Wake

Parent Information Sheet: Curriculum Coverage

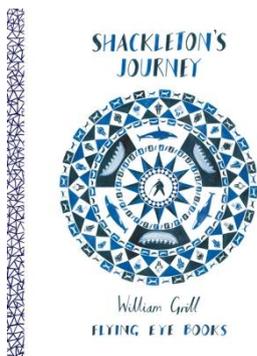
Dear Parents/Carers,

Hello, Happy New Year and Welcome back to school. I hope that you have all had a refreshing break and your plans were not too disrupted. Please find listed below our intended curriculum coverage for the Spring Term 2022. This term is (as usual) an action packed term; in particular look out for details of Year 5/6 proposed residential; an exciting new Artsmark collaboration for our class with Newport based Independent Arts and Well Being Day on 17th February.

Maths Spring 1 and Spring 2

The topics covered this term include the formalising and revision of methods in all four operations (addition, subtraction, multiplication and division). Fractions, percentages and ratio. Measurement of volume and capacity, geometry : angles and pie charts and algebra. A fluent knowledge of all times tables is a crucial element of maths application and understanding in Years 5 and 6

English

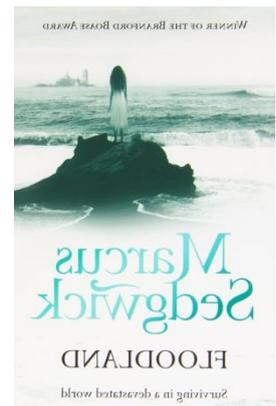


The following texts will be studied: Spring 1 Ice Trap by Meredith Hooper and Shackleton's Journey by William Grill.

These accounts of Shackleton's incredible adventure will lead to varied writing outcomes including letter writing, diary accounts, persuasive writes and informative leaflets

Spring 2 A dystopian novel called Floodland by Marcus Sedgewick will inspire writing containing

balanced arguments, vivid descriptions and newspaper articles. All the books we study in English this term will directly be linked to our Geography topic of extreme environments



Science

Spring 1 -Inheritance and Adaptation

- Know all living things have offspring of the same kind. The offspring are not identical to their parents.

- Understand plants and animals have characteristics that make them suited to their environment.
- Know environmental changes will mean some variations may not suit the new environment and will die. If it changes slowly, animals and plants with variations that are best suited survive and reproduce.
- Understand what evolution means.
- Fossils give us evidence of what lived on the Earth millions of years ago scientists such as Darwin and Wallace observed how living things adapt to different environments.

Spring 2-Properties and Changes To Materials

- Materials have different uses depending on their properties and state (liquids solid, gas). Properties include hardness, transparency, electrical and thermal conductivity and attraction to magnets.
- Some materials will dissolve in a liquid and form a solution while others are insoluble and form sediment.
- Mixtures can be separated by filtering, sieving and evaporation.
- Some changes to materials such as dissolving, mixing and changes of state are reversible, but some changes such as burning wood, rusting and mixing vinegar with bicarbonate of soda result in the formation of new materials, and these are not reversible.

Geography Extreme Environments

This is a geography rich term which will see the children studying the world and it's biomes. Within this the children will be learning about lines of latitude and longitude including the Equator, Tropic of Cancer , Tropic of Capricorn and the Greenwich Meridian. We will study the characteristics of extreme environments particularly focussing on Antarctica ; its characteristic landscapes and the adaptations of its animals.

In Spring 2 our attention turns to the Extreme environments caused by earthquakes and volcanoes. Throughout our geographical studies we will be improving our locational knowledge as well as compass direction and map referencing.

Computing

Spring - 1 We are artists -using ICT to fuse geometry and art

Spring 2 We are web developers - creating a website about cyber safety

The Golden Rule:
*Treat others the way
You want to be treated.*

RE

Spring 1 - The Golden Rule

In Humanism as in many other world religions there is a belief in the Golden Rule . The children will

explore what the Golden rule means to them, considering should we all live by this rule?

Spring 2-Stories of Justice particularly how justice is significant in the Stories of Jewish people, Christians and Muslims

PSHE

Our overarching topic area this half term is Living in a Wider World. In the first half of term we will be especially looking at how we can best become a global citizen and how we can protect our world and practice global citizenship and compassion to others. We will move on to consider jobs careers ; challenging stereotypes and embracing diversity in the second half.

Art and Design

There will be as usual many opportunities for the children to be stimulated by art and design throughout the curriculum; early in the Spring Term we will be using watercolours to create graphical responses to complement our Antarctic theme.

Our Artsmark journey continues and as part of this Pioneers Class will be collaborating with the Newport based Independent Arts to produce a textile collage to celebrate and explore the history and importance of the mills here on the Isle of Wight. The artist in residence at St Helens (on Monday afternoons) will be Jo James. She works with many different medium and we understand that the collage will be a composite of the many different materials produced by the mills here on the Isle of Wight (paper, concrete, grain are some examples)



MFL

Each half term we will be having a French Day in Pioneers Class (dates to be confirmed). The children will learn stories, songs, poems and rhymes in French. Additionally they will engage in conversations: ask and answer questions: speak in sentences, using familiar vocabulary, phrases and basic language structures.

Homework

Will be given out on a Thursday and is to be handed in the following Wednesday morning: children are generally expected to complete 10 spelling sentences, learn ten spellings and maths homework. An additional stand-alone Take Home Task will be set for completion in half term holidays.

PE

PE lessons will be last lesson of the day on both a Wednesday and Friday ; please could your child attend school in their school PE kit on these days.

If you have any questions or need to share information or concerns please do not hesitate to contact me by email.

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Many thanks
Mrs Maloney