

The Vale Primary Academy

Autumn Term Curriculum Updates

YEAR SIX

English

We will be reading *Black Powder* by Ally Sherrick. This award-winning book is a rip-roaring, action-packed, historical adventure set in England in 1605. 12-year-old Tom, in a bid to save his father, falls into the company of a mysterious stranger who promises to help him but is this helpful stranger all he seems...?



This term, our writing is all about building suspense and tension, as well as exploring how to write a prequel to a story. The Tibicena is a dangerous beast, but does it deserve to be spared from eradication? The latter half of the term is full of science fiction, based on the 1980s film, *The Last Starfighter*, in which a young gamer finds himself in the midst of a galactic battle!

Maths

In the first few weeks, children will look at the value of numbers all the way to 10,000,000. They will learn how to round numbers and will be look at negative numbers in situations such as temperatures.

Children continue to use the most efficient method to add and subtract numbers up to 10,000,000.

When multiplying, children will learn how to multiply numbers with thousands by 2-digit numbers.

Pupils will learn how to divide with remainders and will learn what a remainder means. Children will be able to change a remainder into a fraction or a decimal.



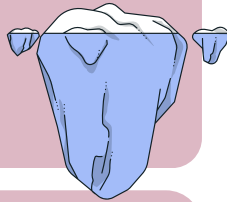
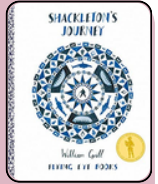
Humanities

Autumn 1: History

In History we will learn about how Lady Jane Grey became the nine-day queen and how the events surrounding this were linked to religion.

Autumn: Geography

In Geography we will be learning about Antarctica and the fact it is a desert biome. We will learn about the science stations that are there and how they can have positive and negative impacts on the location.



R.E.

Autumn : Is it better to express your beliefs in art and architecture or charity and generosity?

This term we will be learning about symbolism in religious buildings are artwork and how this is used to show the beliefs of different religions. We will also learn that all religions and non-religious beliefs value charity and generosity and show these in similar ways.

Science

Autumn Term: Animals including humans

Children will be exploring the human circulatory system, understanding the role of the blood vessels, components of the blood and how they transport nutrients, oxygen and waste around the body, even making a model of blood themselves. Children will then look to explore the effects of exercise, diet and drugs on the body.



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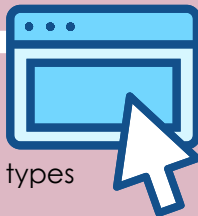
Art & Design



Autumn 2: Painting

Children will be inspired by the work of George Edward Marston, a painter who recorded the landscapes of Antarctica during the journey of The Endurance. Children will plan a composition using underdrawing and use a range of brushes to create their own watercolour painting, including a watercolour wash, a focal point and shadows.

Computing



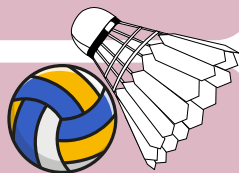
Autumn 1: Communication and Collaboration

In the first half term we will be learning about how different types of data is transferred across the internet.

Autumn 2: Webpage Creation

In the second half term we will learn how to review websites and plan our own webpage. We will also learn about why the layout of these is important so that users can easily navigate it.

P.E.



Autumn 1: Badminton and Netball

In the first half term we will be learning how to rally, complete a forehand serve and a backhand serve in badminton. We will also be learning how to shoot in netball and the importance of space and interception.

Autumn 2: Volleyball and Gymnastics

In volleyball we will learn what a 'dig' is and how to serve and volley successfully. We will also learn how to counterbalance, vault and progress into a handstand in gymnastics.

M.F.L



Autumn 1: Phonics 3 and 4

In the first half term we will be learning a selection of the key phonemes to facilitate accurate and authentic pronunciation as part of their language learning experience.

Autumn 2: What is the weather?

In the second half term, we will learn the knowledge and skills to describe the weather and to also present a weather forecaster pretending to be on television. This enables us to link the weather vocabulary with map work, compass points and general geography.

Music

Throughout the year, we will be listening to and exploring a range of musical genres, artists and composers and describing instruments and musical elements that are used. Can you listen and discover our Music of the Week further together at home?

Autumn 1:

We will be using our substantive knowledge of vocal accuracy, embedding performance skills and vocal health, to perform a range of songs with harmony. We will be able to differentiate certain notes orally, and confidently pick up songs quickly.

Autumn 2:

We will be collaborating with our peers to perform pieces of music together on different instruments, focusing on elements to make playing more accurate and musical. Using technology, we will be creating music with a range of instruments that are appropriate for the genre, and selecting musical elements to create mood.

P.S.H.E.



Autumn 1: 'Being Me in My World'

We will learn about global citizenship and children's universal rights. We will also explore anti-social behaviour, group dynamics and being an effective role model.

Autumn 2: 'Celebrating Difference'

Children will discuss difference as both a cause of conflict and celebration. We will learn about disability and explore children's perceptions of what it means to be 'normal'. We will also further develop children's understanding of bullying and power struggles.