

A photograph of three primary school children sitting in a row, reading books. They are wearing blue school uniforms. The child on the left is a girl with glasses and a pink hair tie. The child in the middle is a girl with a black headband. The child on the right is a boy. They are all focused on their books. The background shows bookshelves and a potted plant. The image has a blue overlay.

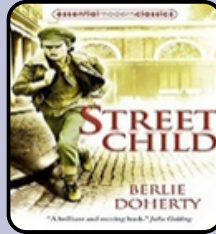
# The Vale Primary Academy

## Autumn Term Curriculum Updates

# YEAR FIVE

## English

We will be reading *Street Child* by Berlie Doherty. Set in Victorian London and loosely based on a true story, this is the tale of Jim - an orphan, who has to overcome tragedy and a host of cruel characters in a bid to find happiness and freedom. But will he ever manage to be truly free...?



Linked to our learning in history, this term we explore a portal story, where the character finds herself in Ancient Rome, and use this to inspire our own. We discuss events that led to Boudicca's revolt, and write our own discussions based on this. After this, our topic is science fiction: we will write an action-packed adventure and find out how to prepare for an alien invasion!

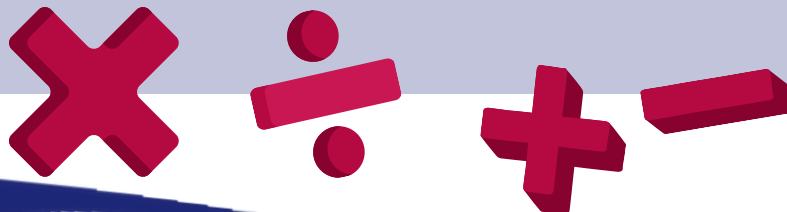
## Maths

Children will begin to understand the value of numbers up to 1,000,000. They will also begin to learn Roman numerals up to 1000.

When adding and subtracting, children will continue to develop their skills of using the most efficient method, with multiple regrouping and exchanges, all the way up to 1,000,00.

We will begin to learn what square numbers and cubed numbers are, prime numbers and factors. Children will learn how to use long multiplication to multiply numbers by more than 10.

We will also begin to look at remainders when we divide, also using the formal method.



## Humanities

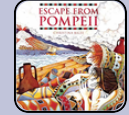
**Autumn 1 : Who were the Romans and what was their impact on Britain?**

**What do the grids on a map tell us about a location?**

In history we will learn about how Rome changed from a city state to a republic and then an Empire. We will also learn that this led to Britain being invaded and positive changes happening because of this. In geography we will learn the capital cities of Europe and understand latitude, longitude, meridians and time zones.

**Autumn 2: How have natural disasters shaped our world?**

In geography we will learn about tectonic plates and how these link to how mountains, earthquakes and volcanoes are formed. We will also learn about the eruption of Mount Vesuvius and how natural disasters can have positive and negative consequences.



## R.E.

**Autumn : What is Sikhism?**

This term we will be learning about the origins of Sikhism and why Guru Nanak is important. We will also learn about how people of the Sikh faith worship and what langar (sharing the community kitchen) and the 5Ks are.

## Science

**Autumn 1: Living things and their habitats**

Children will be comparing different life cycles in animals, as well as exploring metamorphosis, before understanding the different ways plants can reproduce, investigating this in groups.

**Autumn 2: Animals including humans**

Children will be learning about the changes in humans from birth to old age before exploring different gestation periods of mammals.

# YEAR FIVE

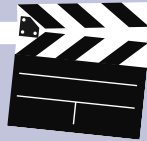
## Art & Design



### Autumn 2: Printing

In Art, we will be learning how to print using ink. We will also be learning how to combine three different colours in our printing and why we need to remove parts of the poly-block when we do this. We will be inspired by the work of Exekius, a Greek potter and painter, to show the eruption of Mount Vesuvius and we will complete our designs on textile using our sewing skills, including a French knot.

## Computing



### Autumn 1: Systems and Searching

In the first half term we will learn about search engines and how they rank search results. We will also learn about why the order is useful when searching.

### Autumn 2: Video Production

In the second half term we will identify which devices can be used to record video and use these to produce on. We will also learn how to reshoot and edit for a final video production.

## M.F.L

### Autumn 1: Pets

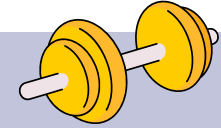
In the first half term, the children will be learning the names of pets. By the end of the half term, they will be able to speak about which pets they do or do not have as well as writing about them.

### Autumn 2: Weather

In the second half term, we will develop our skills and knowledge to describe weather vocabulary and use this to present our very own Spanish weather forecasting programme.



## P.E.



### Autumn 1: Fitness

In the first half term we will be learning how to work as a team and how to plan ahead to solve problems. In fitness we will learn how to improve fitness and strength using speed, agility and balance.

### Autumn 2: Gymnastics

In gymnastics we will learn to complete asymmetrical balances, backwards rolls and cartwheels.



## 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:

While developing singing and performing skills to showcase songs we have learnt in a musical way, a focus will also be on breathing, phrasing and safe techniques to look after our vocal health. We will be building further confidence to be able to convey emotion, adapt throughout and add own interpretations during a performance.

### Autumn 2:

Building on our understanding of musical elements, we will be applying this to be able to play instruments musically, following written notation with added musical symbols. We'll share this learning with peers and give constructive feedback, alongside improvising on these instruments and composing own pieces of music with a range of instruments.



## P.S.H.E

### Autumn 1: 'Being Me in My World'

We will deepen our understanding of citizenship and democracy, exploring rights and responsibilities and how behaviour can affect groups.

### Autumn 2: 'Celebrating Difference'

We will explore how cultural differences cause conflict and discuss how to enjoy and respect other cultures. We will also learn about racism and the impact of rumours and name-calling on others. Finally, we explore material wealth and its impact on happiness.