



## English

### **Key Text: Robot Girl by Malorie Blackman**

At the start of the year, we will unpick the elements of science-fiction writing as we learn more about the key characters in the story and compare them. We will explore creating effective dialogue to convey characters and show feelings through writing emails in role. After making predictions about twists and turns in the story, we will go on to create atmospheric setting descriptions, give a character advice about what to do, and write an action scene. We finish our Robot Girl writing by creating our own science fiction narrative.

### **Key Text: The Lizzie and Belle Mysteries: Drama and Danger by J.T Williams**

During this unit of work, the children are given opportunities to help Lizzie and Belle collect case notes and write diary entries in role. We also write for Stage Door magazine; make persuasive speeches at a meeting of the Sons and Daughters of Africa; and write a fact file about the significance of the Somerset ruling. We finish by writing a biography.

## Year 5

## Curriculum Map

### Key Dates

Wednesday 7th October—**Byrd Class Assembly**  
Tuesday 13th October—**Parents' Evening**  
Thursday 15th October—**Parents' Evening**  
26th October—30th October—**Half Term**

### PE Days

**Class: Fiennes**  
Monday and Tuesday

**Class: Byrd**  
Monday and Thursday

## Maths

We will be following the White Rose Maths scheme of learning for Mathematics. We will start by focusing on **Place Value**. The key skills the children will need to practise are reading, writing, representing and partitioning numbers up to 1,000,000 recognising the value of each digit, finding 1, 10 or 100 more or less, and comparing and ordering numbers.

We will then be moving onto **Addition and Subtraction**, where the children will build on their understanding of place value to develop their mental and written calculation skills using numbers within 1,000,000.

We encourage the children to continue practicing TTRockstars at home to further develop the children's fluency, speed and accuracy. A consistent emphasis on the children's ability to use their knowledge and apply it in problem solving situations will also take place. **Knowledge organisers for each maths topic can be found on the school website.** For any questions about our weekly maths learning, do not hesitate to ask.

## Year 5 Curriculum Overview      Autumn 1

| Science                                                                                                                                                                                                                                                                                                                                                                    | History                                                                                                                                                                                                                                                                                                                                                                                               | Computing                                                                                                                                                                                                                                                                                                                                                                                                    | RE                                                                                                                                                                                                                                                                                                                  |
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| Children will explore different forces (gravity, push, pull, friction air and water resistance) and identify different mechanisms through scientific investigations and research. They study Isaac Newton and Galileo Galilei's discoveries which were weight and mass. They will carry out experiments to investigate the different forces they have been learning about. | Children will learn about the Vikings invasions in Britain and how they went from raiders to settlers. They will then analyse whether the Viking reputation is valid. They will also consider how archaeology has changed our perception of the Vikings. Lastly, they look at the lasting legacy of the Viking settlers and reflect upon whether Vikings should be remembered as raiders or settlers. | Our E-Safety lesson focuses on passwords including why we use them, how to make them strong and how to stop other people from finding out what they are. We will also research how search engines protect uses from in-app purchases. In our main lessons, we will develop our knowledge of how search engines work and develop effective searching skills to find relevant and accurate information online. | We start our learning of Hinduism by learning about the creation story. We look at the importance of Hindu stories and an influential Hindu leader - Mahatma Ghandi. We will look at the four stages of life (Dharma, Karma, Samsara and Moksha), and how Hindu's put their beliefs into practice.                  |
| DT                                                                                                                                                                                                                                                                                                                                                                         | Music                                                                                                                                                                                                                                                                                                                                                                                                 | Art and design                                                                                                                                                                                                                                                                                                                                                                                               | PE                                                                                                                                                                                                                                                                                                                  |
| We will study pop-up mechanisms. We will then create, write and illustrate a pop-up book using folds, levers and spacers.                                                                                                                                                                                                                                                  | We will learn about Synaesthesia and suggest colour to match music. We will create a graphic score and describe how this matches the general structure of the music using musical terminology to justify choices. We will then create, record and perform a vocal composition in response to a colour.                                                                                                | We will learn about a key artist called Andile Dyalvane who specialised in abstract art. We will practise abstract art which is a form of art with no recognisable subject. We will then transfer our skills to a clay coil dish which we will later paint.                                                                                                                                                  | <p><b>Netball</b> – children will learn the key skills needed to play netball and the different positions in a netball team.</p> <p><b>Dodgeball</b> – Children will learn key skills including the different throws and passes they can do whilst thinking about space and movement.</p>                           |
| PSHCE                                                                                                                                                                                                                                                                                                                                                                      | French                                                                                                                                                                                                                                                                                                                                                                                                | How you can help at home                                                                                                                                                                                                                                                                                                                                                                                     | Homework                                                                                                                                                                                                                                                                                                            |
| We will be exploring and understanding how everyday choices can support physical and emotional wellbeing by exploring nutrition, physical activity and self-regulation.                                                                                                                                                                                                    | We will learn how to use adjectives for describing physical appearance and personality and to modify sentences to use the correct articles and pronouns.                                                                                                                                                                                                                                              | Children could have fun designing and making their own Viking shield, creating a Viking longship using recycled materials, researching a famous Viking, or exploring Viking myths and legends. They could also imagine a day in the life of a Viking child and write a short diary entry describing what life might have been like.                                                                          | <p><b><u>Everyday</u></b></p> <ul style="list-style-type: none"> <li>• Daily reading</li> <li>• Spelling Shed - 5 mins</li> <li>• TTRockstars - 5 mins</li> </ul> <p><b><u>Set on Thursdays and due in on Mondays</u></b></p> <ul style="list-style-type: none"> <li>• Atom Learning</li> <li>• My Maths</li> </ul> |