



# Year 6 Spring Term

## Class Texts

'Can you see me?' by Libby Scott and Rebecca Westcott.

## Writing

Biography - looking at different women who have changed the world of science, inspired by 'Women in Science – 50 Fearless Pioneers Who Changed The World' by Rachel Ignotofsky. Narrative - adapting 'The Ice Bear' by Jackie Morris to write our own animal-themed story. Finally, we will be writing short stories based on the animation 'Alma'.

## Maths

Teaching for Mastery using White Rose Maths supported by NCETM PD spines.

Measurement: Converting Units

Number: Decimals

Number: Fractions, Decimals and Percentages

Statistics

Geometry: Shape

Measurement: Area, Perimeter and Volume

Geometry: Position and Direction

## Projects



In 'Trailblazers and Barrier Breakers', we will learn about significant black artists; we will analyse artwork and create our own artwork with meaning.



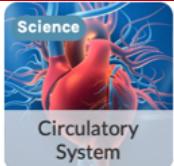
In 'Maafa', we will learn about: ancient African kingdoms, specifically focusing on the Kingdom of Benin; development of the transatlantic slave trade; Britain's role in the slave trade; human impact; everyday life on plantations; rebellion and marronage; causes and consequences of the abolition of the slave trade and slavery; colonisation of Africa; black people in 20th century Britain; Race Relations Act; Equality Act; significant black Britons; multiculturalism.



In 'Engineer', we will learn about: significant engineers and bridges; features of bridges; strengthening techniques; iterative design and building prototypes. In 'Electrical Circuits and Components', we will be learning about: sensors and monitoring; designing and making home devices and incorporating programming & circuits in products.



In 'Light Theory', we will be learning all about light: how light travels; light, sight and the human eye; visible light; perceiving colour; shadows; reflections; plane, concave and convex mirrors; measuring light and light refraction.



In 'Circulatory System', we will be learning about the human circulatory system and its main parts and primary functions; we'll also learn about healthy lifestyle choices and the effects of harmful substances on the body.

## Physical Education

Following the PE Pro programme:  
Musical Theatre, Hockey, Dodgeball, Badminton

## Music



Following the Charanga Musical School primary curriculum programme. All learning is focused around one song: A New Year Carol (Western classical)

## Computing

Following the Teach Computing curriculum:  
Programming  
Data and information

## Personal, social, health and economic education

SCARF: Keeping Myself Safe  
Rights and Responsibilities

## Religion and Worldviews

Why do Hindus want to be good?  
For Christians what kind of King is Jesus