

Year 5 2025 – Spring II

Reading



Cosmic from the award-winning author Frank Cottrell

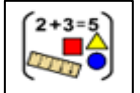
Kick- an award-winning book by Mitch Johnson.

Writing



The children will learn about the life of David Attenborough to construct a biography. Today we know him as a 98-year-old, but the children will see him in his younger years; learning about his family, home and influences to understand how he has inspired the next generation of naturalists.

Maths



The children will continue to look at **fractions, decimals and percentages before moving onto area and perimeter and statistics.**

The children will apply their knowledge of fractions to calculate with decimals and percentages.

They will investigate the perimeter of polygons and build on their knowledge of area to look at compound shapes.

They will also look at reading and interpreting graphs and tables.

Science



Earth and Space - How have our ideas of the solar system changed over time?

This term the children will research the sun, earth and moon. They will consider questions such as why do we get day and night?

The children will also look at the planets in our solar system. Can you name them all? They will look at representing the Solar System using fruit where each centimeter on their ruler represents 16,000,000 km!

RE



The children will consider being modest and listening to others.

What do Christians teach from the Bible about humility?

How do Christians follow Jesus' example of humility?

Why should we listen to others?

History



Victorians - What have the Victorians done for us?

The children will explore who the Victorians were and where they fit in the chronology of British History. They will research the industrial revolution and focus on how the lives of children changed during the industrial revolution.

The children will be visiting the Black Country Museum to continue their learning about the Industrial Revolution and life for children in the late 19th and early 20th century.

PSHE



The children will look at the physical changes we go through during puberty and how we deal with the emotional changes.

The children will consider the responsibilities of becoming a parent, explore a range of different families and identify professionals who provide support.

ART and DT



Structures

The children will use construction kits of plastic strips and paper fasteners to build 2-D frameworks. Who will make the strongest structure?

This will link to their history topic as they research the achievements of Isambard Kingdom Brunel.

PE



We are developing our performance skills by creating sequences in gymnastics. With a partner, the children create counterbalances by pulling / holding or pushing. They will take responsibility for their own warmups and perform more complex actions, shapes and balances with consistency.

Mandarin



This term the children will learn how to describe people, body parts and colours. They will begin to know some Chinese celebrities and be able to describe the key characters in Chinese opera and how they are portrayed through costumes.

Computing



We are cryptographers

The children will learn about the art of writing and solving codes. They will unleash their inner spy and learn about how data can be transferred in secret over distances. They will also be cracking codes using scratch.

Music



The children will continue to improve their skills using more complex songs, instrumental pieces and composing tasks. They will continue to learn the importance of ensemble techniques (paired work and class performances) and good listening skills.