



# Curriculum Information



Diamond



Quartz



Moonstone

## Year 5&6 - Autumn

### Literacy -

This term, we will be reading 'Street Child' by Berlie Doherty.

We will be using our inference skills to think about key character's thoughts and feelings and we will be learning about the key features of a diary entry.

We will then write a diary entry to show our understanding of the character. We will also be thinking about the Victorian Era when this particular story is set and we will write a setting description based on this. Later in the term, we will be learning about the features of ancient myths and legends texts. We will read 'Beowulf' by Nick Holt and we will be writing a narrative based on this.



**Maths** - In the Autumn term, we will begin by solidifying our place value knowledge including Roman numerals; reading, writing and partitioning numbers up to 10,000,000; comparing and ordering numbers and rounding. After this, we will focus on addition and subtraction including mental strategies, formal written methods and inverse operations. Next children will familiarise themselves with multiplication and division concepts including multiples, factors, prime numbers, square and cube numbers as well as recapping multiplying and dividing by 10, 100 and 1000. The next unit we will focus on is fractions, including finding equivalent fractions; converting between improper fractions and mixed numbers; comparing and ordering fractions and adding and subtracting fractions. Lastly, we will return to our multiplication and division learning including formal written methods, long division, efficient division, multi-step problems and the order of operations. In addition we will continue to practise quick recall of times tables as a foundation of fluency in all areas of maths.

**Science** - This term, we will be exploring the question "How do humans change throughout their life?" Children will investigate how humans change in their lives from a fertilised egg/zygote to an elderly person and everything in between. They will be comparing human development to that of other animals. We will also look at how babies and children change as they grow and how hormones affect adolescents. Finally, the children will discover why adults' physical appearances change as they become older.

Later in the term, we will be exploring the human body including the circulatory system, healthy lifestyles and the ways in which nutrients and water travel within human bodies and how that compares to other animals. Children will use their knowledge of what human bodies need in order to function to determine how substances such as drugs can negatively affect them or how a lack of nutrition in their diet can affect their bodies.

**History** - In the second part of the half term, we will explore 'What can the census tell us about local areas?' Children will identify the type of information the census gives about people and start to make inferences about people from the past. They will begin to ask their own questions about Victorian working conditions and the thoughts and feelings of a working child. Children will later identify and describe the changes between periods of time using the census and other primary and secondary sources to verify the data. This will help them to build an understanding of a time period and discuss the changes in the 1921 census. Finally, they will plan and conduct a local history enquiry using the census.

**Geography** - This term we will be exploring the question 'Why does population change?' Children will identify the most densely and sparsely populated areas, and what might influence the environments people live in. They will define birth and death rates, whilst suggesting what may influence them. We will also discuss the push and pull factors of migration and why some people have no choice but to leave their homes. The pupils will explore how the causes of climate change are impacting on the global population and the environment. Finally, the children will use a variety of data collection methods to compare two locations, and then suggest ways these environments could be improved.

**DT** - We will begin the year by learning about 'Pop-up books' this half term. Children will create a suitable plan for each page of their book. Then we will learn how to assemble the components necessary for all the structures and mechanism used. Children will understand how to hide the mechanical elements with layers using spacers where needed. Finally, we will use appropriate materials and captions to illustrate the story.



## **Art -**

During the term, pupils will explore the idea that structure and balance can make a 2D drawing become a 3D object. Pupils will learn to manipulate their drawings into 3 dimensional objects. Pupils will be using line, composition and pattern to help to create their artwork. Pupils will also learn how to use negative space and the grid method to help them to scale-up a drawing.



**RE** - In our first unit of Religion & Worldviews, we will be thinking about the key question: 'Why does religion look different around the world?'

We will begin by discussing and learning about the similarities and differences between religions and we will then be thinking about and explaining reasons why traditions can vary within a religion. Pupils will also be discussing the importance of head coverings in some religions and understand the reasons why some people may choose to do this. We will also be thinking about the key vocabulary in which some people choose to describe God.



**French** - In French, we will be looking at how to introduce ourselves in a basic conversation. This will include basic greetings, pleasantries such as 'how are you' and their responses, and telling people their name and age. In addition children will be able to tell people where they live in French. We will practise reading, writing and listening to French greetings.

**PSHE/RSE** - Our first PSHE unit this half term is 'Families & Relationships'. Throughout the unit, we will be learning how to form and maintain positive relationships.

Children will learn that families are varied and differences must be respected; understanding physical and emotional boundaries in friendships; exploring: the roles of bully, victim and bystander; how our behaviour affects others.



In the second part of the Autumn Term, we will focus on 'Health & Wellbeing'.

The children will be learning about the importance of relaxation and sleep; understanding how to cope with failure; learning how to set goals and how to achieve goals. Moreover, we will be understanding how to take precautions while in the sun; eating healthy meals and learning about different emotions and possible ways of dealing with a difficult situation.

**PE** - Our indoor PE unit this term is Gymnastics. Pupils will develop balancing, rolling, jumping and inverted movements. They will explore partner relationships such as canon, synchronisation, matching and mirroring. Pupils will have opportunities to receive and provide feedback in order to make improvements on their performances. Finally, pupils will develop performance skills considering the quality and control of their actions.

Our outdoor PE unit this term is Netball. In this unit pupils develop their understanding of the attacking and defending principles of invasion games. Children will be encouraged to think about how they use skills, strategies and tactics to outwit the opposition. Pupils will develop their understanding of the importance of fair play and honesty while self-managing games and learning and abiding by key rules, as well as evaluating their own and others' performances.

**Computing** - During our computing sessions, we will be focusing on webpage creation. Children will assess the features of websites before beginning to create their

own using Google Sites. We'll discuss what copyright means and where to find copyright free images, how to create links both internal and externally and how to create custom visuals.

**Music** - We're looking forward to attending the Young Voices singing concert in 2025, which will be open to year 5/6 children this year. Music this term will consist of learning to sing as an ensemble in order to learn and practise the songs ready for the trip. We will discuss musical vocabulary such as pitch, rhythm and melody.

## How you can help your child

### Homework

Mathletics for maths homework and revision

<https://login.mathletics.com/>

Spelling Shed for spelling homework and revision

<https://www.edshed.com/en-gb/spellingshed>

### Reading

Accelerated Reader for reading quizzes

<https://login.renaissance.com/12d2c7cf-b9ce-497c-a016-ccc5946cddde?state=1360fe80-c0e8-4c5b-8710-e0557d4339e7>

### Times tables

Times Tables Rockstars for learning multiplication facts

<https://play.ttrockstars.com/auth/school>

## Year 5&6 Team

Please contact your child's class teacher on Class Dojo if you have any specific questions.

 Diamond	<u>Teacher</u> Mrs Smart (Mon-Wed) Mrs Chaudhary (Wed-Fri)	<u>TA</u> Mr Surti
 Quartz	<u>Teacher</u> Miss Brooks	<u>TA</u> Mrs Todd
 Moonstone	<u>Teacher</u> Mrs Simpson	<u>TA</u> Mrs Shuck