



Curriculum Information



Diamond



Quartz



Moonstone

Year 5&6 - Autumn

Literacy- This half term, the children will be reading Street Child by Berlie Doherty. They will be writing a character and setting description based on this and they will also be thinking about and discussing a character's thoughts and feelings. They will then learn to apply the key features of a diary entry in their own writing.

Later this term, the children will also read The Happy Prince by Oscar Wilde. They will be learning how to write a persuasive letter and they will engage in discussions, writing their own balanced argument based on the themes of the text.

Maths- This half term Year 5s and 6s groups will be focusing on number system, place value and calculations. Year 6s will be learning to read, write and represent numbers up to 10,000,000. There will be a strong focus on using place value grid and the column headings as well as using representations like bar model, part-whole model and number line to 'show' numbers in different ways. The children will learn to compare, order and round numbers as well as learning to represent numbers in various different ways. Additionally, they will be developing their accurate mathematical vocabulary by using words such as quotient, remainder, sum, columns etc. Furthermore, all children will be developing their reasoning and problem solving skills to become better mathematicians.

Science- In the first half term, we will look at how animals grow and change. We will look at the differences in the life cycles of living things, how plants reproduce and how humans change as they grow. We will also be looking at data patterns to identify common features of growth. In the second half term, we will look at How living things have adapted over time which will include looking at evolution

and inheritance.

History- In history, we will look at Vikings and their impacts on the world around them, especially their impact on Britain. We will learn why the Vikings travelled to different places of the world, and what they did when they arrived at these new locations. We will be forming a view on what the Vikings were like as a group.

Geography- In geography, we will look at the importance of our world's oceans. We will look at how the oceans affect trade, reef ecosystems, the impact humans have on the ocean and how we can advocate for sustainability.

DT- In Design and Technology, the children will be learning about automata toys and the mechanical systems that make these work. They will learn about the effect that different shaped cams have on how the toys move and they will then design their very own automata toy. The children will then make and evaluate their product using a variety of materials.

Art- The children will be exploring how they can transform 2D drawings into 3D objects. They will study the artist Lubaina Himid and they will learn about how she uses 2D paintings to create 3D sculptural experiences. Children will also learn to use a grid system to scale up a 2D image from a sketchbook. They will then use construction methods and digital tools to present a 3D sculpture and personal narrative.

RE- In Religious Education and Worldviews, the children will be thinking about why people have to stand up for what they believe in and how they use resilience to do this. They will discuss and recognise the importance of religious liberty and they will learn about symbolism and its meaning. They will also discuss how inspirational "upstanders" can inspire commitment to beliefs through adversity.

PSHE/RSE- In the first half term, we will look at what healthy relationships look like and why they are important. We will look at influences on our identity, how commitments can support relationships, how to sort out conflict and where to find support.

PE- In the first half term, we will look at the basics of dance inspired by rock music. We will also look at the foundations of netball, including passing, defending and moving as a team. In the second half term, we will focus on fitness skills and volleyball. Please ensure your child's PE kit is in on the correct days. If a PE day has to change, information will be posted on Class Dojo.

Computing- During the second half term, children will become webpage developers. We will look at the features of effective websites and will create their own website with a clear layout, navigation paths and hyperlinks. We will discuss the importance of using copyright free content and the importance of content ownership.

Music- In music, we will be looking at the building blocks of music. We will appraise classical pieces by Felix Mendelssohn and use that to influence our own compositions inspired by the sounds and movements of the coast. We will use dynamics and texture to compose our own piece of music and even try being a conductor!

French- During French lessons, we will be learning about how to say the date in French. Lessons will include the days of the week and months of the year, as well as recapping numbers.

How you can help your child

Homework

Mathletics for maths homework and revision. Homework will be set weekly, please see below to login.

Spellings

We are beginning new spelling sessions this term. We will post the words weekly so that they can be reviewed at home.

Reading

Accelerated Reader for reading quizzes,

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

Please ensure your child is reading regularly at home as well. Even 5-10 minutes a day can make a difference!

Trockstars & Numbots

Times Tables Rockstars for learning multiplication facts

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

Mathletics

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

Year 5&6 Team

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

 Diamond	<u>Teacher</u> Miss Combs	<u>TA</u> Miss Bartosz
 Quartz	<u>Teacher</u> Miss Brooks	<u>TA</u> Mrs Strange
 Moonstone	<u>Teacher</u> Mrs Simpson	<u>CSW</u> Miss Lowe

