



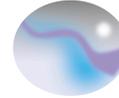
# Curriculum Information



Diamond



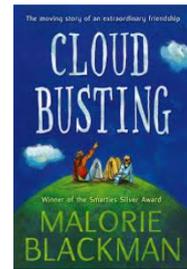
Quartz



Moonstone

## Year 5&6 - Autumn

**Literacy-** In literacy children will look at different texts and genres of writing such as: diary entries inspired by the novel *Cloudbusting* by Malorie Blackman; persuasive letters; narratives inspired by the novel *Letters from the Lighthouse* by Emma Carroll; Biographies based on Herstory (and other children's biography's); and poetry. We will practise consistently using new grammar features and punctuation in order to create cohesion and clarity. Children will have lots of opportunities to apply new learning during mini writes before culminating the unit in an independent piece of writing.



**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 of the term, the children will be learning about Earth and Space. We will look at what makes up our solar system and how the movement of the solar system affects day and night. In the second half of the term, the children

will be learning about Forces, looking at the force of gravity, resistance and friction. We will also look at mechanisms such as levers, pulleys and gears.

**History-** In the second part of the half term we will be learning about what the census can tell us about local areas and what we can find out about people from the past. In particular we will about the lives of Victorian children and Victorian child labour. We will make inferences about the jobs available in the 1800s and women's lives during the 1900s. Children will investigate how the census changed by following the life of Evelyn Dove. Finally, we will conduct an enquiry about our local area using the census.

**Geography** - This term our learning centres around our big question 'Where does our energy come from?' We will begin by looking at different energy sources and consider some of the benefits, drawbacks and why they are important. Then we will think about how energy sources are distributed in an area and the reasons why energy sources may differ. Finally we will develop our fieldwork skills to identify the best place for a solar panel on our school grounds.

**DT-**We will begin the year by learning about 'Structures' this half term. Children will create a suitable plan for a new playground featuring a variety of apparatus which is safe and child friendly. Then we will learn how to assemble the apparatus, reinforce and decorate the surroundings. Finally, we will test and adapt the design to improve and evaluate for further implementation.



**Art** - In the second part of Autumn, we will focus on identity through self-portraits. We will explore how artists use visual elements, contrasting light and shadow in drawing and painting, and experiment with layering different media to build texture. Finally, students will make independent choices about which materials to use to create their own self-portrait.

**RE-** This term, children will discuss why prayer is important to Christians and Hindu's. Pupils will learn about what prayer means to believers, making links with their own understanding and asking questions about the value of prayer for believers and others. They will also describe the impact of prayer on the lives of Christians and Hindu's and compare what makes people act in the way they do. Pupils will also learn about why religion looks different around the world, focussing on Sikhism and Hinduism.

**French-** This term our French unit is Au salon de the. The children will learn the key words for the items that are available in a tea room in French. In addition to this, children will rehearse how to ask for items they would like to eat and items they would like to drink in French.

**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 about good friends; understanding physical and emotional boundaries in friendships; exploring the roles of bully, victim and bystander as well as 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-** In P.E. lessons, we will start with Volleyball where children will develop underarm serve, catching and throwing the ball at a speed and use the fast catch volley. In dance, we will explore and develop the dance idea by demonstrating a sense of rhythm and energy and show confidence in movements.

**Computing-** In computing lessons, children will be learning about computing systems and networks and how they are used to transmit information through data packets. They'll analyse communication systems and complete shared projects online.

**Music-** This term we will be learning about how different musical eras, composers and the arts have influenced each other. We will take inspiration from 'The Young Person's Guide to the Orchestra' which was written in 1945 by Benjamin Britten and the Pop Artist, Andy Warhol. We will explore the musical concept of theme and variations and discover how rhythms can translate onto different instruments, including body percussion.

## **How you can help your child**

### **Homework**

Mathletics for maths homework and revision. Homework will be set every Friday on Mathletics.

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

Spelling Shed for spelling homework and revision. Homework will be set every Friday on Spelling Shed

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

### **Reading**

Accelerated Reader for reading quizzes

<https://login.renaissance.com/12d2c7cf-b9ce-497c-a016-ccc5946cddde?state=1360fe8>

[0-c0e8-4c5b-8710-e0557d4339e7](https://play.ttrockstars.com/auth/school)

**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 Mrs Chaudhary	<u>TA</u> Mrs. Todd
 Quartz	<u>Teacher</u> Mrs Brooks	<u>TA</u> Mrs Heathcote
 Moonstone	<u>Teacher</u> Mrs Simpson	<u>CSW</u> Miss Lowe