

## Science

### **Living Things and Their Habitats**

In this unit, the children will explore a variety of ways to identify, sort, group and classify living things such as **vertebrates** and invertebrates.

## Computing

This half term in computing, our topic is '**We are meteorologists**'. The children will identify and record the different types of weather and how various aspects can be measured e.g. temperature, rainfall and wind direction. They will then create and record a weather forecast using the data they have collected.

## PE

This half term, the children will explore dance choreography and performance skills, practising freeze frames and different formations to develop routines that express character and communicate a theme to an audience.

**Quartz PE day: Tuesday and Friday**  
**Crystal PE day: Wednesday and Friday**

## **Year 4 - Spring 1**

### **What is there to discover in our wonderful world?**

This half term, the children will explore where countries are located around the world, learn different ways to describe locations, and identify the position and significance of the Arctic and Antarctic Circles. They will also investigate how climate change is affecting these regions and compare their temperatures, using Excel to present their findings in a line graph.

In English, our key text is 'The Titanic Detective agency' which is a story told through the eyes of two of its passengers: Bertha and Johan. Bertha – a first class passenger – is brave, inquisitive and destined for adventure whereas Johan – a third class passenger – is quiet, suffers heavily from seasickness and doesn't speak a word of English. The children will write a diary entry in the role of a character from the story. They will also produce a newspaper report about the sinking of the Titanic.

During DT lessons, the children will consider the question "Why is the exit always through the gift shop?" as they design and make their own textile wall hangings. They will experiment with applique, stitching and embellishments before evaluating the final product.

In RE, the children will explore "How do communities celebrate?" and discover how festivals are used by faith communities to express beliefs and strengthen their sense of belonging.

## **Outdoor learning:**

Classifying animals and exploring the local area

## **Health and Wellbeing:**

Children's Mental Health Week

## **Enrichment:**

Arctic and Antarctic Workshop –  
Wednesday 21<sup>st</sup> January

## Maths

This half term, the focus will be on developing the 4 operations +, -, x and ÷  
There will be a focus on learning times tables up to 12 and using Times Table Rockstars.

## Geography

This half term, the children will explore the big question "Would you rather live in the Arctic or Antarctic?" by learning about the hemispheres, locating the polar circles, comparing the two regions with the UK, and investigating the impact of climate change on the polar areas.

Useful links: [Year 4 School Webpage](#) [Curriculum Map](#) [National Curriculum](#)

Please don't hesitate to contact us if you have any concerns about your child's progress. The year group email is [year4@rockmount.croydon.sch.uk](mailto:year4@rockmount.croydon.sch.uk)