

# North and South America

## English:

The class will continue reading *'The Firework Maker's Daughter'* by Philip Pullman to begin the half-term. Linked to this text the class will research, and produce a non-chronological report, focused on Mount Merapi (a real-life volcano that features prominently in the story) as well as read, and write, haiku and cinquain poems. Next, the class will begin to read *'Letters from the Lighthouse'* by Emma Carroll. The captivating story is told from the viewpoint of two evacuees, a brother and a sister, in their search to find their eldest sister following her disappearance during a Luftwaffe bombing raid.

## Science:

In Science, the class will build on their understanding of the properties of materials by: designing experiments to test the properties of materials to the classify said materials, investing the impacts of dissolving and creation of a solution, use several processes to separate mixtures and identify chemical and physical reactions' impact of reversible and irreversible changes.

## Computing:

Year 5 will continue to learn about the importance of e-safety and how best to protect themselves online. Then, they will use ICT to produce brochures linked to their work in topic. Finally, the children will create an online Christmas card developing their coding skills using Scratch.

## Art and DT:

During Remembrance Week the class will reflect on the sacrifices made by veterans in conflict before creating a 3D Poppy and use watercolours to create a WW1-inspired silhouette image. Following this, the class will learn study some of the most famous artists from North and South America.

## R.E. and PSHE:

In R.E. lessons, Year 5 will recap the Christmas Story and then investigate the truth of the Story by: investigating varying depictions of the Nativity scene, appreciating how varying accounts can be given of the same event and comparing and contrasting accounts from the Gospels of Matthew and Luke. In PSHE the class will engage with the 'Celebrating Difference' unit in which they will address: cultural differences and how they can spark conflict, racism and bullying.

## Mathematics:

In mathematics, the class will first engage in a unit focused on statistics, in which they will: recap on their prior knowledge of bar charts, pictograms and tables before learning about line graphs, two-way tables and how to effectively read timetables. Then, learning will focus on multiplication and division by addressing multiples, factors, square, prime and cube numbers before multiplying and dividing by orders of ten. Finally, teaching will focus on calculating the area and perimeter of compound shapes.

## Music:

First, Year 5 will complete the 'Classroom Jazz' Charanga unit in which the children will learn about some famous Jazz musicians and features of the genre before enjoying some festive Christmas hits.

## Topic:

In Topic, the class will first learn about the countries and capital cities that make up North and South America before comparing and contrasting different regions. Next, the children will learn about the Koppen system for weather classification and use it to compare and contrast various biomes in the Americas. To end the topic, the class will research, and promote, their own 'Dream Trip' around the continents of North and South America; using ICT to create promotional material for it.

## Spanish:

The class will receive expert tuition from Mrs Suttle.

## P.E.:

In P.E. lesson the class will complete a mini two-week block centred on fitness circuits. During this, the class will learn about functional strength and how to develop their levels of cardiovascular fitness. Then, the class will focus on how to control their body while moving in various directions, speeds and levels as well as create performances in *canon* leading to creation and performances of increasingly complex routines..

