



# Chapter 6 Learning Journey

## English

This half term, we will be writing balanced and unbalanced arguments and using journalistic writing to create a news report. In reading, we will be reading a whole class text as well as Guided Reading and comprehension exercises relating to our writing topics and class text. Our spelling focuses will be reviewing words from the autumn term as well as studying the 'i before e' rule and learning about homophones.

## Geography Why is California so thirsty?

In Geography, children will learn about the water shortage issue in California, the causes and its impact on farming. They will explore the various ways in which California is trying to tackle this issue, including the use of reservoirs and the construction of the California Aqueduct.

Mathematics Year 6 pupils continue to work hard with revision and practice SATs papers alongside the Y6 curriculum. Pupils will start this half term looking at fractions, decimals and percentages; multiplying and dividing decimals by 10, 100 and 1000, dividing a fraction by a whole number and recall and use of FDP equivalents. Pupils will look at interpreting and constructing pie charts. Algebra is introduced this term and pupils will look at using formulae, simple substitution, solving equations and sequences. Pupils will also look at accurately drawing 2D shapes and nets of 3D shapes.

## Spanish En Casa

The topic this half term will be 'House'. Pupils will learn how to say where they live and how to describe their house and their ideal bedroom. Pupils will give opinions on houses and will look at differences between houses in Spain and houses in England. They will continue to exchange work with our link school in Spain. Pupils will practise the soft 'c' sound and the grammar focus will be on agreement of adjectives.

Religious Education In RE, the children will be continuing their study of Islam, looking at stories from the Qur'an and Muslim tradition, including stories of the prophets. We will consider what Muslims learn from these stories, both in the past and today.

Science **Light** - Year 6 - Electric Circuits. This half term, we will be starting by thinking about how electrical appliances work and how batteries have voltage. We will then move on to understanding the different working parts of a circuit and how these can be represented in circuit diagrams. We complete our topic by looking at the history of electricity and how we can use electricity safely.

Computing This unit explores the concept of variables in programming through games in Scratch. First, pupils find out what variables are and relate them to real-world examples of values that can be set and changed. Then they use variables to create a simulation of a scoreboard. In Lessons 2, 3, and 5, which follow the Use-Modify-Create model, pupils experiment with variables in an existing project, then modify them, before they create their own project. In Lesson 4, pupils focus on design. Finally, in Lesson 6, pupils apply their knowledge of variables and design to improve their games in Scratch.

Music **Feeling Blue** - This term Chapter 6 will delve into the history and performance techniques of 'The Blues'. They will investigate its origins and impact on the subsequent development of music since the early 1900s. They will apply their keyboard skills to discover 12 bar blues structure and perform baselines and melodies in pairs (playing independent parts) within this framework.

Physical Education This half term, the children will be continuing Gymnastics. They will be focusing on counter balance and counter tension, which continues their cooperation with partner work. The pupils will work together to explore and demonstrate different balances where they rely on their partner for support. They will continue to focus on invasion games and will have opportunities for competitive fixtures.

Art Year 6 pupils will continue to study the work of Antoni Gaudí. This half term, they will focus on Gaudí's chimney pots and bell towers. Pupils will experiment and develop chimney pot and bell tower ideas and create their own Gaudí style models using a range of materials (pencil, Modroc, acrylic paint and others). This cross curricular creative project will link with Spanish lessons where associated vocabulary will be studied.

## History The Round City - Baghdad

This is the third and final study of early Islamic civilisations that the children will explore in history lessons. As part of this unit, students will study the round city of Baghdad in depth. Through rich stories and descriptions, students will be immersed in information about where, why, and how the city was built. To understand medieval Islam and the significance of Baghdad, students will be introduced to artefacts, written sources, and archaeology. Students will learn about the House of Wisdom and how Islamic scholars contributed to knowledge about astronomy, mathematics, science, technology, and medicine. In addition, the pupils will hear stories of how Islamic scholars preserved ancient knowledge, which led to the advances in European knowledge during the Renaissance.