

Redbridge Alternative Provision - Year 7: Autumn 1.2

English

In English this half term students will be studying *A Christmas Carol*, focusing on themes of redemption, empathy, and social responsibility. Through the novel, students will explore Scrooge's transformation and the impact of his actions on others. They will engage with activities such as diary entries from Scrooge's perspective, character letters, and storyboards, which will develop their empathy and creative writing skills. Group discussions will encourage students to consider the moral lessons within the story, while cross-curricular links to Victorian history will deepen their understanding of the social issues in Dickens' time. Reading sessions will focus on comprehension, inference, and summarising key events in the text.

Maths

In Maths this half term, students will develop confidence and fluency with number by strengthening their understanding of calculation, estimation and efficient problem-solving strategies. They will apply the four operations, use the correct order of operations, investigate factors, multiples and prime numbers, and explore square numbers, square roots and index notation. Students will solve practical problems involving money and time while learning to estimate solutions and check their calculations using inverse operations. Throughout the unit, they will develop mathematical reasoning, resilience and confidence when selecting efficient methods to solve increasingly challenging problems.

Science

In Science this half term students will study the particle model and how it explains the behaviour of matter. They will recall the properties of solids, liquids, and gases and describe how changes of state occur, including melting, freezing, and boiling. Students will explain diffusion, investigate how temperature affects it, and learn how to measure density by calculating mass and volume, including for irregular objects. Safe heating methods, such as the use of a Bunsen burner, will be introduced. Finally, students will explore pressure in gases, using the particle model to explain how it arises and applying simple equations, while developing their practical skills in planning and carrying out investigations

PSHE

In PSHE this half term students will explore Christianity and develop their understanding of how beliefs, values and traditions influence the lives of individuals and communities. They will investigate key Christian teachings, symbols and practices, while learning about the diversity within Christianity and how different denominations worship. Students will also compare Christian values with their own experiences and those promoted within school. A visit to a local church will help bring learning to life and encourage reflection on the importance of respect, tolerance and understanding in a diverse society. This unit develops students' religious literacy and appreciation of different beliefs and cultures.

Art

In Art this term students will build upon the expressive drawing techniques developed in Autumn 1 by exploring how tone, light and shadow create realistic observational drawings. They will develop confidence in using a range of shading techniques, including hatching, cross-hatching and blending, to create the illusion of depth and three-dimensional form. Students will apply these skills through tonal studies, the grid method, still life drawing and detailed observations of natural forms. They will also experiment with wax resist techniques to explore texture and mixed media processes. Throughout the term, students will refine their observational skills, evaluate their artistic development.

PE

In PE this half term students will concentrate on developing their skills and athleticism in handball and athletics. In handball, they will refine passing, catching, and shooting techniques, as well as delve into more advanced strategies and teamwork dynamics. Athletics lessons will focus on enhancing running, jumping, and throwing abilities, with a particular emphasis on improving technique and possibly exploring specialized events. These activities aim to enhance student's physical fitness, coordination, and strategic thinking, providing a solid foundation for continued growth in both sports.

Food Technology

In Food Technology this half term students will investigate the Eatwell Guide and learn about the different food groups needed for a healthy balanced diet. They will explore how food choices affect health and wellbeing, while considering the importance of portion sizes, hydration and physical activity. Students will analyse food labels and evaluate their own eating habits before planning balanced meals and healthy snacks. Practical activities will focus on preparing nutritious dishes using a range of ingredients and techniques. Through these experiences, students will develop the knowledge and skills needed to make healthier lifestyle choices.

Geography

In Geography this half term students will continue the topic 'What Skills Does A Geographer Need?' They will use contour patterns to describe the land and explain how height is shown. Students will use aerial photographs to describe features and land use. They will combine maps and photographs to locate and describe features, and they will discover how to follow a route on a map.

History

In History this half term students will continue studying 'The Norman Conquest'. Students will begin by understanding what is meant by a 'Motte and Bailey' castle. Following this, students will visit Mountfitchet Castle in Essex, where they will recall some of the weapons, methods and tactics used to get into a castle. Students will then explain the purpose of the Domesday Survey. Finally, students will examine the feudal system and be able to illustrate exactly how it worked.

Enrichment

As part of the Enrichment Programme, students will be given the opportunity to experience:
African Drumming: This half term students will explore rhythm, teamwork, and creativity through African drumming workshops led by professional music tutors. They will learn how different rhythms work together, develop listening skills, and build confidence by performing as part of a group. These sessions encourage self-expression, concentration, and communication while introducing students to a new cultural experience.