

Redbridge Alternative Provision - Year 9: Autumn 1.2

English

In English this half term students will develop their persuasive reading, writing and speaking skills through the study of speeches, debates and persuasive texts. They will explore how writers and speakers use rhetorical devices, language, tone and structure to influence audiences while investigating a range of contemporary social issues. Students will evaluate different viewpoints, research information from reliable sources and construct balanced arguments supported by evidence. Through writing articles, blogs and speeches, alongside participating in formal discussions and debates, they will develop confidence in communicating ideas effectively while strengthening the analytical and communication skills required for future English study.

Maths

In Maths this half term students will develop their statistical and proportional reasoning by collecting, representing and interpreting data before applying mathematical concepts to real-life situations. They will investigate sampling methods, analyse grouped data, construct scatter graphs and compare distributions using appropriate statistical measures. Students will also explore enlargement, percentage increase and decrease, reverse percentages, compound measures and direct and inverse proportion. Throughout the unit, they will strengthen their problem-solving skills by selecting efficient methods, evaluating evidence and communicating their mathematical reasoning using accurate vocabulary across a range of practical contexts.

Science

In Science this half term students will study the structure of atoms and how our understanding of atomic models has developed. They will explore the nuclear model and consider how scientific discoveries have changed ideas over time. Students will learn about isotopes, relative atomic mass, and the arrangement of the periodic table, linking properties of elements to their electronic structures. They will investigate patterns and distinct properties within key groups, such as Group 1 and Group 7, and compare their reactivity. Students will also examine the historical development of the periodic table, focusing on Mendeleev's contribution, and reflect on how scientific understanding continues to evolve as new evidence emerges.

PSHE

In PSHE this half term students will explore Sikhism and develop their understanding of how Sikh beliefs, values and traditions influence everyday life. They will investigate the teachings of Guru Nanak, the significance of the Khalsa and the Five Ks, and explore Sikh worship, symbols and community life. Students will also learn about the contribution of Sikh communities to Britain and reflect on the values of equality, service and respect. This unit develops students' religious literacy while promoting appreciation of diversity and different faiths.

Art

In Art this term students will explore decorative design through the themes of repetition, pattern and rhythm, developing their understanding of how artists transform natural forms into stylised motifs. They will investigate the work of William Morris, Orla Kiely and Angie Lewin before creating observational drawings, decorative designs and repeated patterns inspired by the natural world. Students will experiment with monoprinting, relief printing and surface design techniques, refining their ideas through practical investigation and evaluation. Throughout the term, they will strengthen their understanding of composition, symmetry and printmaking while developing increasingly confident technical and creative skills in preparation for more complex design projects.

PE

In PE this half term students will concentrate on further developing their proficiency and strategic understanding in handball and athletics. In handball, they will refine passing, catching, and shooting skills while deepening their knowledge of advanced tactics and team dynamics. Athletics lesson will prioritize the refinement of running, jumping, and throwing techniques, with a focus on specialized event training and enhancing overall athletic performance. These activities aim to cultivate students' physical capabilities, strategic thinking, and competitive edge, laying the groundwork for continued growth and success in both sports.

Food Technology

In Food Technology this half term, students will explore the benefits of seasonal and locally sourced foods and investigate the differences between organic and non-organic production methods. They will examine how packaging protects and preserves food, while considering the environmental impact of waste and recycling. Students will learn how to interpret food labels, including nutritional information, allergy advice and date markings, enabling them to make informed consumer choices. Practical lessons will focus on preparing dishes using seasonal ingredients while considering presentation and sustainability. By the end of the unit, students will understand how packaging and labelling influence food choices.

Geography

In Geography this half term students will continue their topic on Africa. They will identify the causes and consequences of desertification in the Sahel, along with possible solutions. They will examine the population distribution of Africa and identify the reasons for population change. Students will also consider the challenges and opportunities presented by these changes examining the scale of urbanisation in Africa and investigate the challenges and opportunities of life in a growing city. Finally, students will investigate the trading links between African countries and China, considering different viewpoints to identify reasons for this trade.

History

In History this half term students will continue studying 'The Great War'. Students will begin by exploring and explaining what kind of weapons were used in WW1 and why these weapons were so deadly. Students will use this knowledge to describe the impact of 'shell shock'. Following this, students will judge the contribution of soldiers from the British Empire that fought for Britain. Finally, students will describe how the Great War affected everyday life in Britain and why the 11 November is remembered today.

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.