

Redbridge Alternative Provision - Year 8: Spring 2.2

English

In English this half term students will be studying Shakespeare. The unit will focus on Shakespeare’s life, achievements and plays. Students will be tasked with identifying explicit information regarding William Shakespeare, comparing language and analysing text. They will read one of his plays in order to gain an understanding on how to write a play using narrative conventions. Students will end the unit by writing and performing their own plays. They will be reading ‘A Midsummer Night’s Dream’. The focus of the reading sessions will be on retrieval and predicting.

Maths

In Maths this half term students will develop confidence when working with decimals and ratio by applying place value knowledge to increasingly challenging calculations. They will round decimal numbers, calculate using the four operations and solve problems involving ratio, direct proportion and the unitary method. Students will compare equivalent ratios, divide quantities into given ratios and apply proportional reasoning within practical contexts. Throughout the unit, they will strengthen their numerical fluency, explain their mathematical reasoning using accurate vocabulary and develop confidence in selecting efficient methods to solve multi-step problems.

Science

In Science this half term students will explore chemical reactions and Earth processes. They will compare physical and chemical changes, applying the law of conservation of mass to reactions, and balance chemical equations. Students will investigate oxidation and reduction and explore how metals react with oxygen and acids, recalling tests for hydrogen and carbon dioxide. They will then shift focus to Earth science, where they will study the formation of igneous, sedimentary, and metamorphic rocks, and describe the rock cycle. Students will investigate the water cycle and the transfer of carbon in the carbon cycle, including the impact of fossil fuels, combustion, pollution, and global dimming.

PSHE

In PSHE this half term students will explore the physical and emotional changes that occur during puberty while developing a positive understanding of growing up. They will learn about body image, self-esteem, personal hygiene and reproductive health, alongside the importance of consent, boundaries and respectful relationships. Students will also explore the risks associated with online grooming and exploitation, developing the confidence to recognise inappropriate behaviour and seek support when needed. This unit promotes healthy relationships, personal safety and emotional wellbeing.

Art

In Art this term students will transform their two-dimensional sugar skull designs into three-dimensional sculptural outcomes through the exploration of papier-mâché construction and surface decoration. They will develop practical skills in building, strengthening and shaping sculptural forms before applying paint, pattern and embellishment to communicate their artistic intentions. Students will adapt their original designs to suit three-dimensional surfaces while considering proportion, structure and craftsmanship. Throughout the creative process, they will evaluate and refine their work, developing confidence in sculptural techniques and mixed media processes while strengthening their understanding of how artists create expressive three-dimensional artworks.

PE

In PE this half term students will focus on two sports: rugby and badminton. They will start by mastering the fundamental skills and rules of both disciplines, focusing on techniques such as passing, tackling, and strategic gameplay in rugby, and serving, rallying, and court positioning in badminton. Through structured activities, scrimmages, and competitive matches, students will deepen their understanding of game tactics, teamwork dynamics, and sportsmanship principles. By immersing themselves in these sports, students will not only enhance their physical abilities but also develop crucial communication, collaboration, and decision-making skills essential for success both on the field and the court.

Food Technology

In Food Technology this half term students will investigate the functions of ingredients and explore how they influence the texture, flavour and appearance of food products. They will learn about processes such as binding, thickening and aeration, while examining how modern food technologies have changed food production. Students will also explore where ingredients come from and consider how climate, geography and consumer demand influence the foods available today. Practical lessons will focus on applying these concepts through a variety of recipes. By the end of the unit, students will understand how ingredients contribute to successful food products.

Geography

In Geography this half term the students will continue their population topic by exploring different types of migration. They will explain ‘push and pull’ factors and consider social, economic, political and environmental reasons for migration. They will describe the major migration routes and destinations and identify the push and pull factors for migration between USA and Mexico. The students will explore the process of rural to urban migration. They will explore how global patterns of urbanisation are changing and discover how urbanisation changed a UK city.

History

In History this half term students will be studying ‘The Industrial Revolution (Part 2)’. In History this half term students will continue their study of the Industrial Revolution by investigating developments in transport, industry and public health. They will explore how canals and railways transformed travel and trade and examine the impact of rapid urban growth on towns and cities. Through the study of overcrowding, disease and sanitation, students will investigate why public health became an important issue during the nineteenth century. They will also explore the work of individuals including John Snow, Edwin Chadwick and Joseph Bazalgette, evaluating how their contributions improved living conditions.

Enrichment

As part of the Enrichment Programme, students will be given the opportunity to experience:
Parkour Academy This half term students will develop agility, balance, and problem-solving skills through introductory parkour sessions. Working with qualified coaches, they will learn how to move safely over obstacles while building confidence, resilience, and body awareness. The programme encourages students to challenge themselves, think creatively, and overcome physical and mental barriers.