

# Redbridge Alternative Provision - Year 11: Spring 2.1

English	Maths	Science
<p>In English this half term, students will study Project-based Essay Assignments. They will explore rhetorical devices including logos, ethos, and pathos, learning how these are used effectively in writing and speech. Students will analyse language tailored to purpose and audience, applying this knowledge to texts such as Malala Yousafzai's speeches on education inequality. They will develop skills in structured communication, text interpretation, and crafting engaging articles. Students will also focus on identifying implicit and explicit information, incorporating dialogue in writing, and using quotations to support points. Finally, they will write a descriptive story imagining life 200 years in the future, refining vocabulary, structure, and creativity.</p>	<p>In Maths this half term, students will study Sequences and Scatter Graphs, Ratio, Proportion and Pythagoras. They will explore quadratic and arithmetic sequences, finding and using nth terms, and link these to graphical representations including scatter graphs with lines of best fit. Students will compare and convert ratios, solve proportion problems, and apply ratio to similar shapes for length, area, and volume. They will draw and label triangles accurately, understand congruence, and apply Pythagoras' theorem. Students will also manipulate formulas, work with function machines, perform geometric transformations, and use vectors in calculations.</p>	<p>In Science this half term, students will study Waves, Magnetism and Electromagnetism. They will explore transverse and longitudinal waves, learning to describe their properties, propagation, and key features such as wavelength, frequency, amplitude, and period. Students will calculate wave speed and understand the electromagnetic spectrum, including uses and risks of each wave type. They will investigate magnetism, distinguishing between permanent and induced magnets, and describe magnetic fields and forces. Students will learn to draw magnetic field patterns and understand electromagnets and solenoids, including their practical applications in medicine and security. Practical experiments will reinforce key concepts throughout.</p>
PSHE	Art	PE
<p>In PSHE this half term, students will study Communication in Relationships. They will explore core values and emotions, and discuss gender identity, gender expression, and sexual orientation. Students will develop skills in assertive communication and learn how to manage unwanted attention safely. They will identify different types of relationship abuse, including coercive control and online blackmail, and understand its impact. Students will practise conflict resolution and de-escalation strategies through role play. They will learn how to access support and emergency help for abusive relationships, recognise barriers to reporting, and explore safe exit strategies to promote wellbeing and safety.</p>	<p>In Art this half term students will be learning how to respond to the externally set exam theme through focused research, observation, and experimentation. Students will analyse the exam paper, create mind maps, research two artists, and produce detailed observational studies. They will transcribe the work of their first artist, experiment with a range of materials, and develop a resolved outcome that clearly demonstrates artist influence and personal interpretation.</p>	<p>In PE this half term, students will study handball, dodgeball, and badminton, focusing on advanced skills and tactical understanding. In handball and dodgeball, students will develop passing, catching, dribbling, shooting techniques, and defensive teamwork, applying strategies in competitive games. In badminton, students will refine grips, overhead clears, serves, and shot selection, practising singles and doubles play. Activities include structured warm-ups, skill drills, and game-based learning, supported by teacher modelling and group feedback. Emphasis is placed on communication, agility, decision-making, and applying rules to enhance performance and teamwork across all sports.</p>
Geography	Food Technology	History
<p>In Geography this half term we will be learning about the UK's evolving physical landscape - an overview of the varied physical landscapes in the UK resulting from Geology, Geomorphic processes and Human activity over time. Students will spend time getting to know how physical features created and how they influence our day to day lives. They will look at some of the largest rivers and mountains scatter around the UK. Students will examine case studies of distinctive landscape, look at how the coastlines are constantly evolving which can lead to conflict. They will also visit a local river where students will be able to identify the physical features they have learned about.</p>	<p>In Food Technology this half term, students will focus on NEA Task 1: Food Investigation. They will research and apply key scientific concepts to investigate the chemical and functional properties of a chosen food. Students will plan and conduct experiments, recording results using charts, graphs, photographs, and descriptions. They will analyse findings with scientific explanations and evaluate how these results can inform recipe development and modification. Students will learn to structure their reports logically, meeting requirements for content, word count, and presentation. Examples of past candidate work will be reviewed to understand how to achieve full marks across planning, investigation, analysis, and evaluation sections.</p>	<p>In History this half term, students will concentrate on revising key history topics covered during the course. They will focus on developing exam techniques such as interpreting sources, structuring essays, and managing time effectively. Students will engage in practice questions, peer discussions, and receive targeted feedback to enhance their confidence and improve their exam performance.</p>
Business Studies	Construction	Sports
<p>In Business Studies this half term, students will focus on revising key business content they have learned throughout the course. They will develop and refine exam techniques, including understanding question types, time management, and structuring answers effectively. Activities will include practice exam questions, peer discussions, and targeted feedback to build confidence and improve performance in upcoming assessments.</p>	<p>In construction this half term, students will focus on Setting SMART Goals and Progression Planning within construction. They will discuss opportunities to develop key skills through volunteering and extracurricular activities such as the Duke of Edinburgh's Award or sports coaching. Students will learn to formulate simple, clear, and achievable day-to-day goals with measurable outcomes and timescales. They will explore different timber finishes, practicing sanding, staining, painting, and varnishing techniques. Students will research various types of timber frames, mark out shapes, and apply finishing coats. Visits or videos will support understanding of frame production, highlighting challenges in manufacture.</p>	<p>In Sports Science this half term, students will explore Training Programmes. They will learn how personal information shapes tailored fitness plans and understand the importance of setting specific aims and objectives. Students will design fitness programmes based on client profiles, applying principles like periodisation, overload, and progression. They will investigate intrinsic and extrinsic motivation, explore SMARTER goal setting, and develop strategies to maintain adherence to training. Practical activities include scenario analysis, programme design, and motivation strategy presentations, fostering skills in personalised fitness planning and motivation techniques critical for sustained</p>