



Richmond State School

Deeds Not Words

Year 10, Term 3 2026 Curriculum Overview

English

Unit: Macbeth – Power, Ambition and Corruption

This term, students will study William Shakespeare's *Macbeth*, exploring themes of ambition, power, corruption and the consequences of our choices.

Students will read key scenes, view film adaptations and participate in class discussions to develop their understanding of the play. They will explore how Shakespeare uses characters, language and dramatic techniques to communicate ideas and engage audiences.

Throughout the unit, students will strengthen their analytical reading and writing skills by examining characters, themes and significant events. They will learn to support their ideas with evidence from the text and present their interpretations in structured analytical responses.

The unit concludes with a supervised analytical essay where students demonstrate their understanding of *Macbeth* and Shakespeare's use of language and dramatic techniques.

Key Concepts & Vocabulary

Ambition, power, corruption, guilt, fate, free will, tragedy, theme, characterisation, motivation, conflict, symbolism, imagery, dramatic irony, soliloquy, audience, interpretation, analysis, evidence, quotation, representation, context, thesis, paragraph and evaluation.

Mathematics

Unit: Advanced Probability and Statistics

This term, students will extend their understanding of probability and statistics by solving complex chance problems and analysing relationships within data. They will use a range of strategies, including Venn diagrams, two-way tables and tree diagrams, to calculate probabilities and interpret simulations.

Students will investigate bivariate data, identify trends and associations, estimate lines of best fit, and use statistical measures such as standard deviation and time-series data to make predictions and draw evidence-based conclusions.

The unit concludes with an assessment where students apply probability and statistical techniques to analyse data, solve problems and justify their reasoning.

Key Concepts & Vocabulary

Probability, Venn diagram, tree diagram, two-way table, simulation, bivariate data, association, line of best fit, trend, prediction, standard deviation, time-series data, statistics and conclusion.

Food Specialisation.

Farmhouse Kitchen Skills: From Farm to Pantry

This term, students will explore traditional food production and preservation techniques that have been used for generations to create nutritious food and reduce waste. Through a combination of theory and practical lessons, students will investigate how everyday ingredients such as flour, milk, fruit and vegetables can be transformed into a variety of food products.

Throughout the unit, students will develop practical skills by making butter, damper, bread, fresh cheese, jam, relish, pickles and ginger beer. They will also learn about food safety, ingredient functions, fermentation, sustainability and the science behind food production. Students will finish the unit by independently planning, producing and evaluating their own farmhouse food products in a practical assessment.

Key Vocabulary: Preservation, fermentation, sustainability, food safety, yeast, gluten, curds, whey, pectin, acidity, ingredients, production process, workflow, evaluation, spoilage, hygiene.

Science

This term, students will investigate how carbon moves through Earth's atmosphere, land, water and living things, and explore how both human activities and natural events influence the carbon cycle. Through hands-on investigations, scientific research and analysis of real-world data, students will examine local examples from Richmond and Northwest Queensland to better understand climate change and sustainability. Students will evaluate scientific evidence, communicate their findings and develop practical recommendations to help reduce carbon emissions and support a more sustainable future for our community.

Key Concepts & Vocabulary: Carbon cycle, atmosphere, biosphere, hydrosphere, geosphere, carbon dioxide (CO₂), photosynthesis, respiration, decomposition, combustion, carbon emissions, carbon sinks, carbon storage, fossil fuels, greenhouse gases, climate change, sustainability, renewable energy, carbon footprint, scientific evidence, data analysis, patterns and trends, and sustainable practices.



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Health and Physical Education

PE: In PE, students will participate in a range of badminton activities. They will apply movement concepts when playing singles and doubles. They will learn attacking and defending strategies and learn to work collaboratively with others.

Key Concepts & Vocabulary: badminton, attack, defend, serve, forehand, backhand

Volunteering

This semester, Year 10 students will complete the nationally recognised **CHC14015 – Certificate I in Active Volunteering** in partnership with the Australian College of Volunteering. Throughout the course, students will develop practical volunteering skills while building confidence, teamwork, communication and leadership. Students will explore the important role volunteers play in strengthening communities and will participate in real-world volunteering experiences that prepare them for future employment, further training and active citizenship.

Key Concepts & Vocabulary: Volunteering, community, active citizenship, teamwork, communication, leadership, workplace health and safety (WHS), responsibility, diversity, inclusion, empathy, collaboration, problem solving, initiative, respect, ethics, organisation, reflection and employability skills

The Arts- Media Arts

In this unit students will explore how 3D construction is used in an array of ways, from sculptures to agriculture and conservation works. Students will use programs to plan, design and refine three-dimensional creations, to then print using our school's 3D printers. This unit will have students explore the applications of 3D printed devices and how that can be used outside of school.

Key Concepts & Vocabulary: PLA filament, 3D models, Tinker CAD, Reels, Spools, Supports, Stereolithography file, Splicing, Orientation, Layers

Technologies

This term, students will apply the design process to design, manufacture and evaluate a functional timber dartboard cabinet using both traditional woodworking techniques and modern digital technologies. Students will develop practical workshop skills by measuring, marking, cutting, joining, sanding and finishing timber while safely using hand and power tools. They will also create a personalised design using computer-aided design (CAD) software and transfer it onto their cabinet through laser engraving. Throughout the unit, students will consider functionality, aesthetics and sustainability, evaluate their finished product against design criteria and reflect on how technology supported the creation of their final designed solution.

Key Concepts & Vocabulary:

Design process, design brief, sustainability, functionality, aesthetics, design criteria, computer-aided design (CAD), laser cutting, laser engraving, prototype, timber, measuring, marking, cutting, joining, sanding, finishing, workshop safety, personal protective equipment (PPE), accuracy, precision, evaluation and production processes.



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Year 10, Term 3 2026 Assessment Calendar

English Teacher: Donna Bloor Contact: dlblo0@eq.edu.au	Assessment Name: Literary Analysis — <i>Macbeth</i> Assessment Technique: Seen Examination – Written Literary Analysis (700–800 words) Draft Due: Week 7 (Practice Response) Final Assessment: Week 8
Mathematics Teacher: Oliver Amerena Contact: omame0@eq.edu.au	Assessment name: Probability Examination Assessment technique: In-class exam Due date: Week 4 Assessment Name: Statistics Assignment Due Date: Week 9
Science Teacher: Alicia Griffiths Contact: amgri1@eq.edu.au	Assessment Name: Richmond's Carbon Story: Protecting Our Future Assessment Technique: Multimodal Investigation Due Date: Week 9
Volunteering Teacher: Jamiee Baartz Contact: jbarr16@eq.edu.au	Assessment name: Online Assessment technique: Short written response Due date: Week 8
Physical Education Teacher: Jamiee Baartz Contact: jbarr16@eq.edu.au	Assessment name: Clear the net Assessment technique: Practical Due date: Week 7 & 8
Food Specialisation Teacher: Donna Bloor Contact: dlblo0@eq.edu.au	Assessment Name: Farmhouse Kitchen Skills Practical and Portfolio Assessment Technique: Practical and Portfolio Due Date: Practical – Weeks 3, 4, 5, 6, 7 and 8. Portfolio – Week 9.
Visual Arts Teacher: Patrick Clough Contact: pclou5@eq.edu.au	Assessment name: Printing the world Assessment technique: Multimodal/Folio Due date: Week 10
Technology- Manual Arts Teacher: Terry Macerlean Contact: tpmac0@eq.edu.au	Assessment Name: Design and Manufacture of a Personalised Laser-Engraved Dartboard Cabinet Assessment technique: Project (Design Folio and Practical Production) Due date: Week 9