



WA Barcode Blitz – Curriculum Links

Lower School Curriculum Links (Years 7–10)

Year Level	Curriculum Links
Year 7	<ul style="list-style-type: none"> • Classification of organisms; dichotomous keys • Food chains/webs; human impacts • Science inquiry: All 6 sub strands
Year 8	<ul style="list-style-type: none"> • Cells as basic units of life; DNA within cells • Adaptations for survival • Science inquiry: All 6 sub strands
Year 10	<ul style="list-style-type: none"> • DNA structure, genes, inheritance, variation *Extension: PCR, electrophoresis, DNA sequencing (conceptual) • Science inquiry: All 6 sub strands

Senior School Curriculum Links (ATAR Biology)

Year Level / Unit	Curriculum Links
Year 11 – Unit 1: Ecosystems & Biodiversity	<ul style="list-style-type: none"> • Biodiversity: genes, species, ecosystems; classification using evidence • Fieldwork & sampling: quadrats, transects, population estimates • Ecosystem dynamics & species interactions • Human impacts and conservation strategies • Science inquiry: data collection, analysis, scientific reporting
Year 12 – Unit 3: Continuity of Species	<ul style="list-style-type: none"> • DNA structure, genes, coding/non-coding DNA • Biotechnology: PCR, gel electrophoresis, DNA sequencing • Science inquiry: interpreting molecular data & evaluating evidence