

<b>NRCL PROGRAMS 2009 EXCURSION (4hrs)</b>	<b>YEAR LEVEL</b>	<b>FOCUS</b>	<b>VELS</b>	<b>SKILLS</b>
<b>Water For Life</b>	Prep, 1 & 2 <b>Healthy Rivers</b>	Water conservation & Yarra River health	Developing the view that learning is fun & exploratory.	Observing, exploring & measuring
	3 & 4 <b>Innovating Insects</b>	Aquatic Insects - Yarra River	Participate in simple experiments	Investigating, observing & measuring
	5 & 6 <b>Exciting Ecosystems</b>	Water ecosystems – Upper Yarra Dam	Science , knowledge & understanding	Investigating, observing & measuring
	7 & 8 <b>Elaborate Ecosystems</b>	Water ecosystems & testing -Yarra River	Science, historical, Geographical, knowledge & understanding	Investigating, observing, analysing & measuring
	9 & 10 <b>The Best Test is a Water Test</b>	Water ecosystems & testing - Upper Yarra Dam	Science, historical, Geographical, knowledge & understanding	Observing, measuring, analysing, evaluating and comparing
	<b>VCE BIOLOGY UNIT 1</b>	<b>Water Quality Aquatic Invertebrates identification Riparian Ecosystem plant identification</b>	<b>Science Unit 1</b>	<b>Fieldwork Observing, profiles, analysing &amp; comparing</b>
<b>Upper Yarra Dam</b>	9 & 10 <b>Our Water Catchment – Upper Yarra Dam</b>	Water Catchment Quality Effects from fire, drought and logging	Science, historical, Geographical & Economical knowledge & understanding	Questioning, interpreting, evaluating & elaborating
	<b>VCE Geography Unit 3</b>	<b>Water Catchment- Impact of change, effect &amp; management on natural environment &amp; human activities. Types of water. Rock &amp; soil Formations Climatic Aspects</b>	<b>Geography</b>	<b>Observing, comparing, analysing, evaluating &amp; discussing</b>
<b>Inside Forest</b>	Prep, 1 & 2 <b>Circle of Life</b>	The environment, habitats & animals (Life Cycles)	Observe & describe natural phenomena	Observing, discussing & questioning
	3 & 4 <b>Environ-Supermarket</b>	The environmental features & food chains	Using scientific language to explain the environment	Observing, & questioning, comparing
	5 & 6 <b>Living with Leadbeaters</b>	Ecosystems & food webs	Historical knowledge & understanding	Questioning, evaluating, estimating
	7 & 8 <b>Tales of 3 forests</b>	Comparing 3 types of forests	Historical & Geographical knowledge & understanding	Questioning, evaluating, estimating & interpreting
	9 & 10 <b>Eco adventures</b>	Explaining an ecosystem	Science, Historical, Geographical & Economical knowledge & understanding	Questioning, interpreting, evaluating & elaborating
	<b>VCE</b>	<b>Changes to Ecosystems,</b>	<b>Science</b>	<b>Fieldwork, plant</b>

	<b>BIOLOGY UNIT 2</b>	habitats, plant identification, measure the plant diversity and compare the forests. Look at the parasite/host & symbiotic relationships. Carbon, nitrogen, oxygen and water cycles.		identifying, Transects, Quadrats, interpretation, estimating, analysing & evaluation
<b>Liquid &amp; Leaves</b>	Prep, 1 & 2 <b>The River Passage</b>	Conservation	Participate in simple investigations	Observing & measuring
	3 & 4 <b>Life's amazing cycles</b>	Water cycle	Participates in simple investigations involving observation & measurement	Investigates, measures & analysis
	5 & 6 <b>Rainforest/Water Protection</b>	Water conservation & issues	Creativity, reasoning processing	Reasoning, problem solving & observing
	7 & 8 <b>Where the forest meets the river</b>	Water & forest ecosystems	Science, Historical & Geographical knowledge & understanding	Questioning, evaluating, estimating & interpreting
	9 & 10 <b>Amazing Insects</b>	Forest & River Ecosystems	Science, historical, Geographical & Economical knowledge & understanding	Observing, questioning, interpreting, evaluating & elaborating
	<b>VCE ENVIRONMENTAL SCIENCE Unit 1</b>	Ecosystems- rainforest, montane, wet sclerophyll forest & riparian. Plant identification. Observe plant competition, parasitism & mutualism in action. Carbon, nitrogen, oxygen and water cycles. Climate Change, human & natural changes. Plate tectonics	<b>Science</b>	<b>Fieldwork</b> Collect & record data Plant identification Quadrats, transects interpretation, estimating, analysing & evaluation
<b>CAMP PROGRAMS</b>				
<b>Rainforest (2hrs)</b>	Primary /Secondary	Forest Ecosystems	Exploring/spatial awareness	Observing & questioning
<b>Water Walk (2hrs)</b>	Primary/Secondary	History of the Yarra River	Awareness of environmental issues	Questioning & interpreting
<b>Inside Forest</b>	Primary/ Secondary	As Above		
<b>Liquid &amp; Leaves</b>	Primary/Secondary	As Above		
<b>Water for Life</b>	Primary / Secondary	As Above		
<b>Upper Yarra Dam</b>	Primary	Water & Habitats	Science , knowledge & understanding	Investigating, observing & measuring
	Secondary	As Above		

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<b>INCURSIONS (1 hr) PRIMARY (AuSSI Vic)</b>				
<b>Scats &amp; Tracks</b>	Primary	Identifying animals	Team building Sharing thoughts Questioning	Observe, Sort & Analyse
<b>Feathered Friends</b>	Primary	Identifying birds	Sort based on simple criteria	Observes Differences
<b>Healthy Habitats</b>	Primary	Identifying plants/weeds	Learning is fun Use Science words	Links Habitats
<b>Underground Armies</b>	Primary	Identifying mini-beasts	Observe & describe natural phenomena	Observes & Sorts
<b>Liquid Gold Water cycle</b>	Prep	Simple water cycle	Participate in simple investigations	Observes & sorts
<b>From the Yarra mouth to your mouth</b>	Year1 & 2	From dam to school	Develop an awareness of special concepts through experiences.	Observes differences
<b>Backstroking Bugs</b>	Year 3 & 4	Identifying water bugs	Participate in simple investigations involving observations & measurements	Links solid/liquid/gas
<b>Testing Times</b>	Year 5 & 6	Chemical testing	The nature of similarities between & the diversity of, living things and their sustainable relationships with the environment. Importance of Scale. Interactions between Earth & atmosphere.	Analyses, records, audits
<b>NRCL PROGRAMS</b>	<b>YEAR LEVEL</b>	<b>FOCUS</b>	<b>VELS DIMENSION</b>	<b>SKILLS</b>
<b>PRE-SCHOOL (AuSSI Vic)</b>				
<b>Biodiversity</b>	Kinder	Animals & plants diversity		Observes & sort
<b>Liquid Gold</b>	Kinder	Water play & conservation		Observes