

Operation Biodiversity - Footprint

Whole System Category	Learning Area Outcomes	Mission Description	Learning & Assessment Strategies	Linked programs
Biodiversity	Operation Biodiversity has three Missions. Each mission has a Checklist and a Debrief. The learner is encouraged to complete these to gain 'greenhouse balloons' to use in the My Home game.			
Mission One Web of life	Web Master checklist – pre-test of knowledge for the mission. NAPLAN format – automatically tallies.			Eco Education Perth Zoo Naturalist Centre Greening Aust WA Gould League AQWA Kings Park AWC (Karakamia) Piney Lakes Rockingham E Centre Ag Department CSIRO
	Science Investigating, Communicating Scientifically, Life and Living Values: Environmental Responsibility	Web Master: We belong in the big web of life that joins us all together on earth. See what this looks using a computer game. Check out your school plants and animals and make a unique web of life to show off in the library.	Placemat brainstorm Learning Federation activity Interactive online web of life activity, Smartboard Futures Wheel Q Matrix	
Web Master debrief – post-test of knowledge for the mission. NAPLAN format – automatically tallies.				
Mission Two Sense of Place	Under My Feet checklist – pre-test of knowledge for the mission. NAPLAN format – automatically tallies.			
	Science: Investigating, Communicating Scientifically, Life and Living Values: Environmental Responsibility	Under My Feet: So what creatures live in your garden soil? Does it matter what the soil looks like? Become a forensic scientist and examine the scene for clues when you bury a grotty bag. Use the clues to make a board game for other children to play and learn.	Science Investigation process KWHL Chart Grotty Bag Observation sheet Macro Invertebrate flip charts for identification Create Board Games	
Under My Feet debrief – post-test of knowledge for the mission. NAPLAN format – automatically tallies.				
Mission Three Insects Behaviour	Ant Expedition checklist – pre-test of knowledge for the mission. NAPLAN format – automatically tallies.			
	Science Investigating, Communicating Scientifically, Life and Living English Listening and Speaking, process and strategies Values: Environmental Responsibility	Ant Expedition: Ever wondered what you have in common with ants? What do they get up to as they travel around? Go on an expedition to learn where they live, what they eat and who they meet. Make up a radio interview about one of the ants and get the teachers to play it to the school.	Brainstorm – brain drops Compare and Contrast Animal Report Photography Internet Viewing & Research Science Investigation Report Interview writing & recording	
Ant Expedition debrief – post-test of knowledge for the mission. NAPLAN format – automatically tallies.				