La Trobe Wildlife Sanctuary

Hopping Mad (3-4)

Understand how kangaroos use different habitats for foraging and resting with this energetic activity. Students will 'learn the way of the kangaroo' as they will discuss, explore and re-enact why kangaroos use different habitats for different activities.

Learning Intention	Success Criteria
Students will understand the importance of habitat diversity for various uses by one animal. Students will understand that Kangaroos forage in groups to minimise the risk of potential predators.	Students will recognise open spaces are for kangaroo foraging and shrubby places are good as kangaroo shelter. Students will understand that one animal can utilise a variety of habitats for different needs.

Student Activity
Students will gain a deeper understanding of the importance of having a diversity of habitats for an animal. Students will learn how Kangaroos use different habitats for different activities. Students are able to participate in a team game based on the movement of kangaroos to and from their resting habitat to their foraging habitat. This activity is designed to engage students by reflecting on the importance of habitat variation for maintaining an animal in the environment.

Learning Outcomes	
Cognitive	Students will understand that kangaroos utilise different habitats for different needs. Students will apply their understanding in a hopping mad race, whereby they 'forage' in the open grass space and 'rest' in the shrubby bushland.
Affective	Students will start to develop value towards animals through gaining a better understanding of them and their habitat in the natural environment. Students will enjoy the hopping mad race and understanding how an animal utilises different habitats.
Observational Skills	Students will be able to re-enact how kangaroos move between a woodland habitat for resting and an open habitat for foraging.

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Curriculum Links

Year 3 & 4

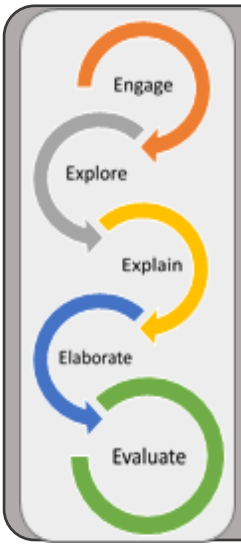
Science knowledge helps people to understand the effects of their actions(VCSSU056)
Different living things have different life cycles and depend on each other and the environment to survive (VCSSU058)
With guidance, identify questions in familiar contexts that can be investigated scientifically and predict what might happen based on prior knowledge (VCSIS065)
Represent and communicate observations, ideas and findings to show patterns and relationships using formal and informal scientific language (VCSIS072)

Year 5 & 6

Scientific understandings, discoveries and inventions are used to inform personal and community decisions and to solve problems that directly affect people's lives(VCSSU073)
Living things have structural features and adaptations that help them to survive in their environment (VCSSU074)
The growth and survival of living things are affected by the physical conditions of their environment (VCSSU075)
With guidance, pose questions to clarify practical problems or inform a scientific investigation, and predict what the findings of an investigation might be based on previous experiences or general rules (VCSIS082)
Communicate ideas and processes using evidence to develop explanations of events and phenomena and to identify simple cause-and-effect relationships (VCSIS088)

Summary

Throughout this exciting, fast-paced activity, students will begin to understand how different habitats play an important role for a variety of activities for one animal. Students will learn that kangaroos use open areas to forage and woodland areas to shelter. Your students will play the role of a kangaroo and work together to forage for as much food in the open habitat.



A New Pedagogy Deep Learning (NPDL)

The LTWS incorporates the work of Michael Fullan and Maria Langworthy into their activities and support resources.

Instructional Model and incorporate a range of activities designed to develop 21st Century Learning Skills.

The Hands on Habitat activity provides an authentic link to a pedagogy for Meaning-Oriented (Deep) learning. The ticks below provide an indication of the skills this activity is designed to develop.

Support Materials

The LTWS have (and are) developing a range of support materials that provide additional resources for teachers to explore this NPDL framework.

Visit our Webpage – www.latrobe.edu.au\wildlife

Keep in touch via the sanctuaries Blog, Facebook and Youtube pages to discover more about the sanctuary and the opportunities your students can explore.

http://bit.ly/1TdbMnN
http://on.fb.me/1WeQwfD
http://bit.ly/1V4yMTL