

Overview: Oh no - the animals' lunch boxes have been jumbled up! Students go on an adventure through our Asian Rainforest to investigate the basic needs of animals. Your junior detectives will use the information they collect to help the keeper work out which animal needs which lunch box.

Lesson Logistics: There is a moderate amount of movement involved during this experience. It will take place in one of our outdoor venues and throughout the Asian Rainforest exhibits. In small groups, students will investigate the survival needs of an animal that lives in the Asian Rainforest and then report back to the larger group.



Komodo Dragon
Varanus komodoensis

Duration: 40 minutes

Conservation Message: All animals, including us, have basic needs including food water and shelter. The world is a wondrous place and we can all help keep it that way.

Links to the Australian Curriculum

Science	Science Understanding Biological Science	Science as a human Endeavour	Science Inquiry Skills
Pre-primary	Living things have basic needs including food and water (ACSSU002).	Science involves exploring and observing the world using the senses (ACSHE013).	Respond to questions about familiar objects and events (ACSIS014).
Year 1	Living things live in different places where their needs are met (ACSSU211)	Science involves asking questions about, and describing changes in, objects and events (ACSHE021).	Respond to and pose questions, and make predictions about familiar objects and events(ACSIS024)
Year 2		Science involves asking questions about, and describing changes in, objects and events (ACSHE034).	Respond to and pose questions, and make predictions about familiar objects and events(ACSIS037)



Before Your Visit

It would be useful to consider the following topics prior to your *Rainforest Detectives* Zoo education experience:

Basic Needs – Explore the basic needs of all living things (food, water, shelter).

Inter-relationships in Natural Systems – Examine the elements of the natural world. Include living (animals, plants and people) and non-living things (leaf litter, logs, rocks) which influence each other. Explore how humans interact with the natural world.

Caring for the environment and understanding the effect of actions - Explore how humans interact with the natural world.

Be to visit the Perth Zoo website for the most up to date student activities to support your education experience. Go to <https://perthzoo.wa.gov.au/education/kindy-year-3> Feel free to photocopy these for your visit to the Zoo. It is a great idea to bring along a camera for the day so you have images that you can use for activities when you return to school.

After Your Visit

After your *Rainforest Detectives* you might like to explore the following suggestions to make your program a more enriching experience.

Immersion – Provide as many practical, hands-on experiences for your students as possible. Consider bush art experiences such as bark rubbings, exploring dot art, making bush musical instruments and plaster moulds of animal tracks.

Five Senses – Explore habitats with five senses by getting students to smell (crushed leaves), hear (identify frog calls) and taste (bush tucker). Get students to see the beauty of the colours of nature by giving each student a paint colour chip and ask them to find that colour. Discover the textures of nature by playing 'Tree-Huggers' – played in pairs, one student is blind-folded and lead to a tree by their partner. The blind-folded students must then find their tree once their blindfold is removed.

Explore through Literature – Exploring new things through literature is always a great way to learn.

Nature Scavenger Hunt – Using egg cartons have your students collect 12 interesting natural objects (e.g. Collect an object that is: fuzzy, rough, jagged, pink, smooth, or has been eaten etc).

Playground Planting – Planting native habitat in your school grounds is a rewarding and an enjoyable experience for all ages. An outdoor classroom can be integrated into all learning areas and using local native plants will provide food and habitat for many local native animal species.

