

Drone Flying session Overview:

This session will go over how camera drones are being used in conservation for tracking species, identifying populations, and studying behaviours. It will discuss some of the clever uses of drones in recent research and see some of the footage that our students are using. There will also be the opportunity to earn a Drone Flyer ID License and learn drone flying techniques used in the field.

Anaerobic Digester & Tractor simulator Overview:

This workshop explores how on-farm anaerobic digesters convert slurry, manure, and crop residues into renewable energy and nutrient-rich digestate fertiliser. Participants will learn how digesters operate, the practical and financial considerations of installation, and how they can improve farm sustainability, waste management, and energy independence. Real-world farm examples will highlight both opportunities and challenges for adoption.

VR session Overview:

This session will look at conservation and sustainability through offering an immersive, interactive way to explore global environmental challenges and the solutions shaping a more sustainable future will be discussed. During the session, you'll step into virtual environments and complete activities to experience how VR can be used to educate when it is not possible to travel to the environment. VR allows you to observe, experiment, and reflect in a way that feels engaging and memorable, even without prior experience.

Sustainable enrichment session Overview:

A sustainable enrichment-building session using fire hose this is a practical, creative activity allowing for retired fire hose to be repurposed into long-lasting enrichment items for zoo animals. During the session, an introduction to the purpose of enrichment, the benefits of using upcycled materials, and the safety considerations that guide every design will be provided. Hands-on experience assembling fire-hose pieces into items such as braids, puzzle feeders, or tug toys each tailored to support natural behaviours like foraging, problem-solving, or play.

Faecal Egg count session Overview:

A faecal egg count session using rhino dung which is a hands-on, science-focused activity which will demonstrate how keepers and vets monitor parasite levels in large herbivores. During the session, an introduction to why faecal egg counts are an