

VICTORIAN KIDS TO FARM PROJECT

VIRTUAL INCURSION DETAILS



YEARS 5-6

Sustainable Solutions on Farms

VCSSU074, VCSSU075, VCSIS084, VCDSTC035, VCDSCD038, VCDSCD039, VCDSCD040, VCDSCD041

Throughout this incursion, students will learn about concerns in agriculture, sustainability, biodiversity, adaptations and the ways in which agroforestry can be positively used to support farming systems. Students will hear first-hand from two inspirational farmers who own and work on a sheep and agroforestry farm that promotes sustainable practices and encourages biodiversity within their production. Students will then apply their problem-solving skills to design and create a prototype of a super organism, which produces food or fibre and solves a concern in agriculture. Students will have the opportunity to explore the interdependence of plants and animals on farms and create their own farm logo demonstrating an interdependent food and fibre production system.



Trees and Me - Sustainable Forestry Exploration

VCDSTC035, VCSSU074, VCSSU075

This incursion explores the concepts of basic forestry, including forest tree adaptations and timber resource production. Students will learn about how pine forest plantation trees have adaptations that help them preserve water and consider how human beings rely on forests to create products made from forest timber. Throughout the session, students will hear first-hand from a Victorian Forester about the features of forests, including the importance of biodiversity and the adaptations found in trees that are important for survival as well as timber production. Students will utilise hands-on resources to learn about adaptations in trees that prevent water loss and explore the process of transpiration and how this is impacted by specific adaptations.



VIRTUAL INCURSION DETAILS



Sustainability Along the Paddock to Plate Supply Chain

VCDSTC035, VCDSCD041, VCSSU075

This incursion explores the journey vegetables take from paddock to plate and the way the physical conditions of the environment impact food and fibre production. Throughout this session, students will have the opportunity to hear first-hand from a Victorian vegetable producer about the physical conditions that impact produce on her farm. Through a series of engaging collaborative tasks, students will glean an understanding of issues relating to resilience and sustainability in each of the stages in the paddock to plate supply chain. Students will apply their understanding to complete a design challenge skill as they consider ways that producers could become more resilient to changing physical conditions in the environment.

