People In Agriculture – Attracting and Training The Next Generation

Agricultural Education and School Farms

A Journey of Improvement
Andrew Harris
State-wide Coordinator – Revitalising School Farms
Key Initiatives Driving Improvement …

Primary Schools to Primary Industries

Revitalising School Farms
The Education Pathway to a Career in Food and Fibre Production

High Quality Learning Opportunities in Food and Fibre Production

Early Years - Year 6

Year 7 - 10

Year 11 - 12

University of Tasmania

University College

TasTAFE/VET

Career in Food and Fibre Production
# The Tasmanian Agricultural Education Framework

## Student Learning
- Priority 1: Grow
  - Tasmanian Curriculum Framework and Fire Production Content Descriptors
  - Curriculum: Explore fire plans and activities are grown for food, clothing and shelter and how fire is selected and prepared for healthy eating (ACTDE003).
- Priority 2: Make
  - Tasmanian Curriculum Framework and Fire Production Content Descriptors
  - Curriculum: Explore fire plans and activities are grown for food, clothing and shelter and how fire is selected and prepared for healthy eating (ACTDE003).
- Priority 3: Protect
  - Tasmanian Curriculum Framework and Fire Production Content Descriptors
  - Curriculum: Explore fire plans and activities are grown for food, clothing and shelter and how fire is selected and prepared for healthy eating (ACTDE003).

## Curriculum

### Tasmanian Curriculum Framework and Fire Production Content Descriptors
- Australian Curriculum Framework: Curriculum: Explore fire plans and activities are grown for food, clothing and shelter and how fire is selected and prepared for healthy eating (ACTDE003).
- Tasmanian Curriculum Framework: Curriculum: Explore fire plans and activities are grown for food, clothing and shelter and how fire is selected and prepared for healthy eating (ACTDE003).

## Facilities
- Curriculum: Explore fire plans and activities are grown for food, clothing and shelter and how fire is selected and prepared for healthy eating (ACTDE003).

## Career Connections
- Curriculum: Explore fire plans and activities are grown for food, clothing and shelter and how fire is selected and prepared for healthy eating (ACTDE003).

## Leadership
- Curriculum: Explore fire plans and activities are grown for food, clothing and shelter and how fire is selected and prepared for healthy eating (ACTDE003).

## Program Support
- Curriculum: Explore fire plans and activities are grown for food, clothing and shelter and how fire is selected and prepared for healthy eating (ACTDE003).

## Stakeholder Partnerships
- Curriculum: Explore fire plans and activities are grown for food, clothing and shelter and how fire is selected and prepared for healthy eating (ACTDE003).
Revitalising School Farms

- Two major infrastructure projects
- 10 FTE – permanent teaching positions
- Funding for school farm operations
Revitalising School Farms – Regional Networks

Statewide Coordinator

North-West
Network Leader
Food and Fibre Production Teachers

North-North East
Network Leader
Food and Fibre Production Teachers

South
Network Leader
Food and Fibre Production Teachers
The 15 School Farms
Key Objectives

Increased access, participation and engagement

Ensure school farms are effectively utilised, highly valued, and sustainable educational facilities
Food and Fibre Production in the Australian Curriculum

Technologies contexts
- Engineering principles and systems
- **Food and fibre production**
- Food specialisations
- Materials and technologies specialisations
Key Approaches to Learning

Integration of STEM

Project Based Learning
Project Based Agricultural Experience
‘…they (Tasmanian School Farms) have a unique place in the state’s education system, a powerful symbolic presence in rural communities, and significant potential to provide relevant, valuable, and potentially transformative curriculum and pedagogy in support of educational and rural development policy agendas.’

Corbett, Brett and Hawkins (2017), University of Tasmania

What We’re About Out Here: The Resilience and Relevance of School Farms in Rural Tasmania
Stephen Ives  BAgSc PhD

Course Co-ordinator Agribusiness
Research Fellow in Agronomy and Farming Systems
University College, University of Tasmania
K to Career

Connect education providers

Include the experience

But at what $$?
How do we ensure Agriculture remains real and relevant?

The Jobs

The $$

The conditions
Experience and relationships

This is Education for Agriculture