

## **Information for Teachers: Growing your own farm student resource**

This student resource includes:

- Student resource on the internet that students work through. Link to website
- Student work booklet (as part of assessment)
- Task sheet
- Rubric

The resource is designed around the Design and Technologies Curriculum provided in [Australian Curriculum: Technologies](#). The resource has been created to target Year 3/4 level. It encompasses one (1) Knowledge and Understanding content description and one (1) Processes and production skills content description.

### *Design and Technologies Knowledge and Understanding*

Investigate food and fibre production and food technologies used in modern and traditional societies (ACTDEK012)

### *Design and Technologies Processes and Production Skills*

Plan a sequence of production steps when making designed solutions individually and collaboratively (ACTDEP018)

## **General Capabilities**

Throughout the resource, students engage with different general capabilities. These include: Literacy, Information and Communication Technology (ICT) Capability and, Personal and Social Capability.

### *Literacy*

- Students comprehend texts through listening, reading and viewing.
- Students compose texts through speaking, writing and creating.

### *ICT*

- Students manage and operate ICT
- Students create with ICT

### *Personal and social capability*

- Students self-manage

## **Differentiation**

The resource caters for differentiation of learners. These include and can be done at a class level:

- Caters for both visual and auditory learners.
- Provides hands-on activities such as growing a grass head.
- Students can work with peers if they have trouble navigating computers.
- Peer or Teacher help for writing tasks.
- Students have choice as to what product they choose for the assessment task.
- Opportunity to do the activities as a class.

## **Lesson Outlines/Time Frame**

Depending on time allocation for your class, this unit consists of 10 lessons which comprises about 30 to 45 minutes each.

Lesson 1: Complete activity 1 and 2 in Lets Begin. Activity assesses students prior knowledge about what can be grown on a farm. Activity 2 looks at what students can find in their lunch box that came from a farm.

Lesson 2: Do activity 3 in Lets Begin. This activity is a class activity of making grass heads.

Lesson 3: Complete Wheat activity in Wheat and Strawberry. This activity is about wheat production.

Lesson 4: Complete activity 1 and 2 for Strawberry. Activity 1 is about strawberry production and activity 2 is a video about making strawberry jam.

Lesson 5: Complete activity 1 and 3 in Potato. Activity 1 is about growing potatoes and activity 3 is games that students can play that demonstrate farming and keeping plants alive.

Lesson 6: Complete activity 2 in Potato about harvesting potatoes. Students can also play the games in activity 3 when finished.

Lesson 7: Complete activity 1 in Rice as well additional activity. Activity 1 is about growing rice. The additional activity is game that students can play when finished.

Lesson 8: Complete activity 2 and 3 in Rice. Activity 2 is about processing rice and activity 3 looks at assistive technologies in farming.

Lesson 9 and 10: Students complete assessment task. Students work through task sheet making sure they complete all set tasks. This section requires students to use Microsoft Word/PowerPoint or any alternative programs.