



Australian Good Meat
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From the paddock to the plate

AUSTRALIAN CURRICULUM CONTENT

Design and Technologies:

Explain how people in design and technologies occupations consider competing factors including sustainability in the design of products, services and environments. (ACTDEK019, AC9TDE6K01)

Explain how and why food and fibre are produced in managed environments. (ACTDEK019, AC9TDE6K03)

Explain how the characteristics of foods influence selection and preparation for healthy eating. (ACTDEK019, AC9TDE6K04)

Investigate needs or opportunities for designing, and the materials, components, tools, equipment and processes needed to create designed solutions. (ACTDEP024, AC9TDE6P01)

Generate, iterate and communicate design ideas, decisions and processes using technical terms and graphical representation techniques, including using digital tools. (ACTDEP025, AC9TDE6P02)

Negotiate design criteria including sustainability to evaluate design ideas, processes and solutions. (ACTDEP027, AC9TDE6P04)

Science:

Examine how particular structural features and behaviours of living things enable their survival in specific habitats. (ACSSU043, AC9S5U01)

Investigate the physical conditions of a habitat and analyse how the growth and survival of living things is affected by changing physical conditions. (ACSSU094, AC9S6U01)

Describe how weathering, erosion, transportation and deposition cause slow or rapid change to Earth's surface. (ACSSU096, AC9S5U02)



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Plan and conduct repeatable investigations to answer questions, including, as appropriate, deciding the variables to be changed, measured and controlled in fair tests; describing potential risks; planning for the safe use of equipment and materials; and identifying required permissions to conduct investigations on Country/Place. (AC SIS086, AC SIS103, AC9S5I02, AC9S6I02)

Use equipment to observe, measure and record data with reasonable precision, using digital tools as appropriate. (AC SIS086, AC SIS103, AC9S5I03, AC9S6I03)

Construct and use appropriate representations, including tables, graphs and visual or physical models, to organise and process data and information and describe patterns, trends and relationships. (AC SIS090, AC SIS107, AC9S5I04, AC9S6I04)

Mathematics:

Choose appropriate metric units when measuring the length, mass and capacity of objects; use smaller units or a combination of units to obtain a more accurate measure. (ACMMG108, AC9M5M01)

Connect objects to their nets and build objects from their nets using spatial and geometric reasoning. (ACMMG111, AC9M5SP01)

Convert between common metric units of length, mass and capacity; choose and use decimal representations of metric measurements relevant to the context of a problem. (ACMMG136, AC9M6M01)

English:

Use comprehension strategies such as visualising, predicting, connecting, summarising, monitoring and questioning to build literal and inferred meaning, and to connect and compare content from a variety of sources. (ACELY1713, AC9E6LY05)

Plan, create, edit and publish written and multimodal texts whose purposes may be imaginative, informative and persuasive, developing ideas using visual features, text structure appropriate to the topic and purpose, text connectives, expanded noun groups, specialist and technical vocabulary, and punctuation including dialogue punctuation. (ACELY1704, ACELY1714, AC9E5LY06)

Plan, create, edit and publish written and multimodal texts whose purposes may be imaginative, informative and persuasive, using paragraphs, a variety of complex sentences, expanded verb groups, tense, topic-specific and vivid vocabulary, punctuation, spelling and visual features. (ACELY1704, ACELY1714, AC9E6LY06)

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LESSON GUIDE

Lesson 1	All about adaptations
Lesson 2	From paddock to plate
Lesson 3	Safety, sustainability and technology
Lesson 4	The farming environment
Lesson 5	Safe food preparation
Lesson 6	Healthy eating and nutrition

DESCRIPTION OF RESOURCE

The Year 5–6 *'From the paddock to the plate'* resource is a cross curriculum unit, focused on the Design and Technologies, Science, Mathematics and English Australian Curriculum and associated elaborations. Sustainability as a cross-curriculum priority is emphasised, valuing the importance of the environment in supporting and maintaining human life.

The resource contains:

- **Lesson guides** to assist teachers with delivering a range of engaging activities, providing links to media clips, source materials and QR codes for efficient access during lessons.
- **Resource and equipment** lists to support planning and organisation.
- **Worksheets/activities** for instant lesson planning and student engagement.
- **Answers** for teacher and student guidance.
- **Online learning tasks** to be utilised as extension or homework activities.