Agfest School activity:
Careers in Agriculture

Explore the career options available in agriculture, share your findings in a format of your choice and persuade other students about a career in agriculture...

Must include:
- A description of the career
- Identify the educational requirements

May include:
Video clips, photos, statistics, graphs, flow charts, Students in years 5 to 10 may use any media format either print or broadcast. Students in years 11 and 12 must use broadcast media.

Links with the Australian Curriculum

Grade 5 English – Creating Texts:
Plan, draft and publish imaginative, informative and persuasive print and multimodal texts, choosing text structures, language features, images and sound appropriate to purpose and audience

Grade 6 English – Creating Texts:
Plan, draft and publish imaginative, informative and persuasive texts, choosing and experimenting with text structures, language features, images and digital resources appropriate to purpose and audience

Grade 7 English - Creating Texts:
Plan, draft and publish imaginative, informative and persuasive texts, selecting aspects of subject matter and particular language, visual, and audio features to convey information and ideas

Grade 8 English – Creating Texts:
Create imaginative, informative and persuasive texts that raise issues, report events and advance opinions, using deliberate language and textual choices, and including digital elements as appropriate

Great 9 English – Creating Texts:
Create imaginative, informative and persuasive texts that present a point of view and advance or illustrate arguments, including texts that integrate visual, print and/or audio features

Grade 10 English – Creating Texts:
Create sustained texts, including texts that combine specific digital or media content, for imaginative, informative, or persuasive purposes that reflect upon challenging and complex issues

Agriculture
(taken from Graduate Careers Australia website)

Agriculture is a major contributor to the Australian national economy.
Its 126,000 full-time farmers annually produce $137 billion worth of product, which is 12 per cent of Australia’s gross domestic product. Australian agriculture exports approximately $30 billion worth of product annually and provides 93 per cent of the nation’s domestic food supply.

Agriculture and its related industries support 1.6 million Australian jobs. About 50 per cent of these are in capital cities in flow-on industries, such as processing, packaging, transport and retailing.

Efficiency gains through new technologies and farm management practices have enabled Australian agriculture to stay a step ahead of international competitors.
Annual productivity growth in agriculture has been 2.8 per cent over the past 30 years – far greater than any other Australian industry sector. This is, in large part, driven by research and development, on which we spend about $500 million annually.

Sponsored by:
Outlook

The outlook for agriculture in Australia is bright. World food security is a big challenge and Australia is positioned to play an increasing role.

The agriculture industry faces the challenges of adjusting productivity to meet climate change and environmental agendas, meeting the cost/price squeeze from changing world markets and maintaining the service and social fabric of our rural areas.

Meeting these challenges requires a continuing flow of knowledge and expertise across all sectors of the industry.

It’s estimated that Australia needs 2000 agriculture graduates per year to continue to drive agriculture forward.

Employment opportunities

Production: Employment can be directly on farms or in agribusinesses that service farms. These include farm consultants, agribusiness, commodity market services and financial or banking advice.

Research, development and extension: Much of Australia’s productivity is driven by research and development, which ranges from plant and animal breeding; pest, weed and disease management; nutrition; farm systems to farm business economics.

Natural resource management: Farmers are our frontline environmentalists; they spend around $3 billion a year on managing pests and weeds, soil, natural vegetation and water.

Food services: Farm production is only the beginning; most commodities need to be marketed, processed, packaged, transported and sold.

Education and training: Knowledge and skills development is at the core of agriculture’s success (through schools, universities and adult education).

Policy: People with agricultural knowledge are sought in the public and private sectors for policy formulation and management, including trade policy, biosecurity, industry policy and commercial advice to companies engaged in agriculture.

Possible webpages

www.ruralcareers.net.au
www.utas.edu.au/tia

Competition Terms and Conditions

1. Prizes will be given in the following categories – students in Years 5 & 6, Years 7 & 8, Years 9 & 10 and Years 11 & 12.

2. Entries can be submitted by individuals and small groups no larger than 5 participants.

3. Students in years 5 to 10 may use any media format either print or broadcast. Students in years 11 & 12 must use broadcast media.

4. Entrants must have permission from all participants that feature in the presentation.

5. Entrants must ensure that the presentation is their own work and does not contain any material over which someone else holds copyright or other intellectual property rights without their consent.

6. Entrants must only use attributed original, license-free or Creative Commons music in their presentations. Check out freemusicarchive.org for legal downloads.

7. Representatives from Agfest, the local media and the University of Tasmania will judge all entries and determine the winner.

8. You can enter in one of the following ways:
   a. Post a hard copy or USB or disc to; Rural Youth Organisation of Tasmania Inc, Agfest Schools Competition, 62 York Street, Launceston, 7250
   b. You can email it to admin@agfest.com.au as long as it is no more than 10MB
   c. Put your file on www.wetransfer.com and email the link to admin@agfest.com.au
   d. Put your file on www.dropbox.com and email the link to admin@agfest.com.au

9. Entries need to be submitted no later than 12pm Sunday 5th June, 2016.

10. Prizes for each will category include:
    • $300 Harvey Norman voucher to purchase a “class” prize e.g. video camera for the school
    • Up to 5X$20 iTunes vouchers for personal use for each individual or team member