



Karoonda Farm Fair inc.

PO Box 6
Murray Bridge SA 5253

info@farmfair.com.au
www.farmfair.com.au

31 March & 1 April 2017

KAROONDA FARM FAIR SECONDARY LEARNING RESOURCE

This resource includes activities that can be used during and after visiting the Karoonda Farm Fair. The activities are designed as a self-guided learning experience. You can use as many or as little of the activities as you wish. There is a cover to create a 'Karoonda Farm Fair Work Booklet' if you wish (appendix 1). You are required to provide photocopies of this resource to your students; there will be none available on the day. There is a map available in the free program at the gates and there is also one included at the end of this resource. If you would like the Karoonda Farm Fair volunteers to speak to your group on the day or you have any other queries about learning activities to do with the Karoonda Farm Fair, please contact Sonja Marchant (0400 284 468 shaneandsonmarcho@hotmail.com).

There is a seated eating area with many options to buy lunch; however it may be easiest for students to bring a packed lunch and sit on the grass.

Farm Fair Challenge

The Farm Fair Challenge occurs from 12pm. It is free to enter and there are prizes for the fastest teams. Participants are required to unpeg overalls from a washing line and put them on. They are then required to eat a dry Weet Bix each before taking it in turns to complete the activities that remain on the course. These activities begin with rolling up a swag, finding an ear tag in a pile of wool, setting a table, stacking potatoes on a sack truck and then pushing them through a course before completing the challenge by completing an egg and spoon race. Both participants are then required to take their overalls off and hang them back on the line. This activity is ideal entertainment for this age group. Please visit the website to have a look at the judging criteria and download an entry form (<http://www.farmfair.com.au/pages/entertainment.php#challenge>). This activity is located alongside the tennis courts.

Australian Curriculum links:

YEAR 7 AND 8 (Health and Physical Education): Use feedback to improve body control and coordination when performing specialised movement skills in a variety of situations (ACPMP080)

Wool handling and fleece throwing competition

If you are interested in entering a team of students into the wool handling and fleece throwing competition, please contact Graham Buchanan (8578 3464). ***It is essential to register for this event prior to attending the Karoonda Farm Fair.*** This event is located in Greenie's Shearing Shed.



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Australian Curriculum links:

YEAR 7 (Science): Collaboratively and individually plan and conduct a range of investigation types, including fieldwork and experiments, ensuring safety and ethical guidelines are followed (AC SIS125)

Wool competition

There is also a wool competition, where your school may wish to enter a fleece. For more information, please visit: http://www.farmfair.com.au/pages/entertainment.php#wool_competition. This event is located near Greenie's Shearing Shed.

Australian Curriculum links:

YEAR 9 (Science): Plan, select and use appropriate investigation types, including field work and laboratory experimentation, to collect reliable data; assess risk and address ethical issues associated with these methods (AC SIS165)

Fleece assessment

From 10.30-11.00 and 12.30-1.00 on Friday the 31st March, there will be the opportunity for students to assess some fleeces. There will be a demonstration given to students on how to assess a fleece before students are given the opportunity to judge some fleeces. This will occur on two occasions between 10.30 am and 11.00 am and 12.30 pm and 1.00 pm on Friday the 31st of March outside the Classings Limited Fleece Competition tent. Please see appendices 2, 3 and 4 for support resources.

There will be a presentation made after the final session. Teachers will be able to collect students work at this time, otherwise they will be posted out to schools.

There is also an AWEX Schools in Wool program resource for students to complete using information found in the Classings Limited Fleece Competition tent. See appendix 5 for resource.

Answers for question 10:

No	Breed	Description or Type	Breed Code
	Cross Bred		
	Merino	Merino wool (White) 18.6 micron and broader. Typically, well-defined crimp tip to base, clean white open face, white legs and hooves.	SUP Australian Superfine M Australian Merino
	SAMM (South African Meat Merino)	White medium merino wool type, dual purpose breed, dense white fleece, bare lower legs	SM
	Downs	Dorset, <u>Ryeland</u> , Southdown, Suffolk, White Suffolk	DN
	Shedding Breeds	Australian white, Damara, <u>Dorper</u> , Meat Master, <u>Wiltipoll</u>	SB



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Answers for question 11:

No.	Type of Wool (Description)	Code
1	Bellies	BLS
2	Pieces	PCS
3	Locks	LKS
4	Fleece (Merino)	AAAM
5	Shank	
6	Brand	
7	Crutching's	CRT
8	Stain	STN
9	Broken/Tender	TDR
10	Lambs (Merino)	AAAMLMS
11	Skin Pieces	
12	Dags	

Australian Curriculum links:

YEAR 7 AND 8 (Design and Technology): Analyse how food and fibre are produced when designing managed environments and how these can become more sustainable (ACTDEK032)

Sheep judging

Sheep classer, Bill Walker, will give students a demonstration which will be followed by students being given the opportunity to judge four merino sheep in 12 minutes. This will occur from 12.00 pm until 12.30 pm outside the Classings Limited Fleece Competition tent. Please see appendices 6, 7 and 8 for resources. There will be a presentation made once the activity has finished. Teachers will be able to collect students work at this time; otherwise they will be posted out to schools.

Australian Curriculum links:

YEAR 9 AND 10 (Design and Technology): Investigate and make judgments on the ethical and sustainable production and marketing of food and fibre (ACTDEK044)

Lamb carcass assessment

Between 10.30 am and 11 am and 12.30 pm and 1 pm, the local Elders manager, Chris Muenster, will be giving a demonstration about fat scoring and will also go through market preparation for lambs which will occur outside the Classings Limited Fleece Competition tent. After the demonstration, students will be given the opportunity to assess three animals for fat scoring. There will be resource sheets available at this activity.

Australian Curriculum links:

YEAR 8 (Science): Reflect on scientific investigations including evaluating the quality of the data collected, and identifying improvements (ACSIS146)



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Grain and hay classifying

This activity is available to complete all day and is located by Greeny's Shearing Shed. Students are required to identify different grains and record them in a table. See appendix 9 for resource.

The answers to this activity are:

GRAIN: N=wheat, L=oats, J=barley, H=triticale, F=peas, D=lupins, B=vetch, a=canola, c=sorghum, e=sunflower, g=rye, i=mung beans, k=white millet, m=linseed, o=corn and p=lucerne.

HAY: A=triticale, B=lucerne, C=vetch, D=wheat and E=oats and vetch.

Australian Curriculum links:

YEAR 8 (Science): Summarise data, from students' own investigations and secondary sources, and use scientific understanding to identify relationships and draw conclusions based on evidence (AC SIS145)

Yard dogs

From 12pm – 1pm, there will be an information session at the Yard Dogs. Students can record some information about this talk and are also given the opportunity to ask questions. It is preferred if a teacher could accompany students.

See appendix 10 for resource.

Australian Curriculum links:

YEAR 9 (Science): Plan, select and use appropriate investigation types, including field work and laboratory experimentation, to collect reliable data; assess risk and address ethical issues associated with these methods (AC SIS165)

Sheep dog trials

The Mallee Dipping and Mulesing Sheep Dog Trials are located in the northern corner of the fair grounds. They begin at 9 am and continue throughout the day. See appendix 11 for resource.

Australian Curriculum links:

YEAR 9 (Science): Plan, select and use appropriate investigation types, including field work and laboratory experimentation, to collect reliable data; assess risk and address ethical issues associated with these methods (AC SIS165)

Sheep studs and breeds

Students are required to look at the various sheep stud stalls and talk to the stallholders. This activity can be completed at any time throughout the day.

See appendix 12 for resource.



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Australian Curriculum links:

YEAR 9 AND 10 (Design and Technology): Develop, modify and communicate design ideas by applying design thinking, creativity, innovation and enterprise skills of increasing sophistication (ACTDEP049)

Agricultural displays

Students are required to critique ten different agricultural displays. This activity can be completed at any time throughout the day.

See appendix 13 for resource.

Australian Curriculum links:

YEAR 7 AND 8 (Design and Technology): Independently develop criteria for success to evaluate design ideas, processes and solutions and their sustainability (ACTDEP038)

Shearing

The shearing is on display all day in Greeny's Shearing Shed. Students can watch and answer questions about what they are observing, as well as calculate the daily and weekly wage of a shearer based on shearing times that they record.

See appendix 14 for resource.

Australian Curriculum links:

YEAR 9 (Science): Plan, select and use appropriate investigation types, including field work and laboratory experimentation, to collect reliable data; assess risk and address ethical issues associated with these methods (ACSIS165)

YEAR 9 (Work Studies): Investigate a wide range of occupations, and the skills and personal qualities required in these fields (ACWSCL006)

Buying a farm

This activity is available for students to complete all day. Students are required to visit Landmark and Emmetts to find out information about the costs of setting up a farm in the Karoonda area.

See appendix 15 for resource.

Once you return to school, you may wish to get students to research the costs of second-hand machinery instead of new. They will then need to go and alter the figures for machinery and the total amount they would be required to loan.

See appendix 16 for resource.

Australian Curriculum links:

YEAR 7 AND 8 (Design and Technology): Use project management processes when working individually and collaboratively to coordinate production of designed solutions (ACTDEP039)



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YEAR 9 AND 10 (Design and Technology): Critique needs or opportunities to develop design briefs and investigate and select an increasingly sophisticated range of materials, systems, components, tools and equipment to develop design ideas (ACTDEP048)

Develop project plans using digital technologies to plan and manage projects individually and collaboratively taking into consideration time, cost, risk and production processes (ACTDEP052)

Careers in agriculture

Between 1 pm and 2 pm on Friday the 31st of March, students can visit various stands to find about information about various agricultural careers.

The following stands will have people available for students to chat with:

- Stock Journal journalist outside Greeny's Shearing Shed
- Landmark: merchandise manager, stock agent, real estate agent and wool broker
- Mechanic: WD Lewis
- Machinery sales: WD Lewis, GJ Clarke or Ramsey's
- Precision Agriculture: Ramsey's
- Truck driving: Bee Jays Haulage or Staker Haulage
- NRM: Park Ranger, revegetation, landcare, soil science, biosecurity, animal/plant control and fire management
- Wool handling, classing and shearing: Heidi Marchant and shearers outside of Greeny's Shearing Shed
- Agronomist: Platinum
- Agronomist: Kaye Zadow at Elders
- Insurance: General Insurance Agencies

Students are required to record about the career, including: training required, tasks that are a part of the job, future opportunities etc. See appendix 17 for resource.

Australian Curriculum links:

YEAR 9 (Work Studies): Investigate a wide range of occupations, and the skills and personal qualities required in these fields (ACWSCL006)

Trash to Treasure competition

In 2017 there is a 'Trash to Treasure' upcycle gardening challenge at the Karoonda Farm Fair. It is free to enter, open to all ages and can be entered individually or in groups. The competition requires entrants to use their imaginations and upcycle unwanted items by turning them into items of value. Discarded and reusable objects can be turned into a piece of furniture, garden art, shed ware etc. Cash prizes will be awarded to winners from the three categories: people's choice, best overall design and under 17. The competition entries will be displayed inside the clubrooms. The



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flyer is included at the end of this resource (see appendix 18) and entry forms can be found on the website

(http://www.farmfair.com.au/pages/entertainment.php#trash_to_treasure).

Australian Curriculum links:

YEAR 7 AND 8 (The Arts: Visual Arts): Develop ways to enhance their intentions as artists through exploration of how artists use materials, techniques, technologies and processes (ACAVAM119)

YEAR 9 AND 10 (The Arts: Visual Arts): Manipulate materials, techniques, technologies and processes to develop and represent their own artistic intentions (ACAVAM126)

Sophie Thomson

At 11 am and 1.30 pm, gardener Sophie Thomson will be giving a talk about water wise gardening and sustainability in the RDA pavilion. The sessions will have different content.

Australian Curriculum links:

YEAR 7 (Science): Solutions to contemporary issues that are found using science and technology, may impact on other areas of society and may involve ethical considerations (ACSHE120)



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APPENDICES

APPENDIX 1 – COVER FOR 'WORK BOOKLET'

APPENDIX 2 - FLEECE JUDGING

APPENDIX 3 – FLEECE JUDGING SCORING

APPENDIX 4 – FLEECE JUDGING PARTICIPATION CERTIFICATE

APPENDIX 5 – AWEX SCHOOLS IN WOOL PROGRAM

APPENDIX 6 - SHEEP JUDGING INFORMATION

APPENDIX 7 – SHEEP JUDGING CRITERIA

APPENDIX 8 – SHEEP JUDGING CERTIFICATE

APPENDIX 9 – GRAIN AND HAY CLASSIFYING CHART

APPENDIX 10 – YARD DOGS

APPENDIX 11 – SHEEP DOG TRIALS

APPENDIX 12 - SHEEP STUDS AND BREEDS

APPENDIX 13 - AGRICULTURAL DISPLAYS

APPENDIX 14 - SHEARING

APPENDIX 15 – SETTING UP A FARM IN THE KAROONDA AREA

APPENDIX 16 – SECONDHAND MACHINERY

APPENDIX 17 – CAREERS IN AGRICULTURE

APPENDIX 18 - TRASH TO TREASURE FLYER



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APPENDIX 19 – KAROONDA FARM FAIR MAP



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KAROONDA FARM FAIR WORK BOOKLET



Name _____

School _____



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Friday 31st March 2017

The Landmark Schools Fleece Judging Competition to be held at 10:30am and 12:30pm outside the Karonda Farm Fair Fleece Competition tent. Students can register for each session before the two sessions begin from 9:00 am at the desk or student information can be sent to boughenwade@hotmail.com before the event.

The overjudge will give a demonstration followed by students judging fleeces. Four competitors will have 10 minutes to judge four fleeces, followed by 5 minutes for students to finalise and complete paper work.

Four fleeces Marked 1-4 will be on display they will be Judged on:

1. **Trueness of Breed: (10)** Possessing the most desirable characteristics of the breed
2. **Length: (10)** The desired uniformity of length throughout the whole fleece as it stands
3. **Soundness: (10)** Sufficient tensile strength to give the best result under the combing system.
4. **Softness & Handle: (8)** The softness and pliancy necessary for outstanding spinning.
5. **Colour or Bloom: (6)** The possession of these characteristics for top grading from a style point of view
6. **Character: (10)** Even and well defined crimp from butt to tip.
7. **Density (6)** Compactness of the growth bulk and scale of staple.
8. **Evenness (10)** The regularity of the count.
9. **Clean fleece weight (30)**

Total Points: 100

Please print fleece judging sheets for students. Fleece judging sheets can be found at www.karoondfarmfair.com under the entertainment/ school's section.

The over judge will judge the three fleeces giving them points in the above categories. This will determine an order for 1st, 2nd, 3rd and 4th place. The overjudge will give his/her reasons for the placing of the fleeces after the competition, Results will be available for teachers after the competition. Competitors who put the fleeces in the correct order as well as give the correct or closest to correct point and comments for each fleece in the above categories will be awarded the winner.

A Small presentation will be given straight after the second session has been completed and results are known. Teachers can collect students judging sheets after the competition if required. Certificates of participation are also available for printing online for all students who compete in the wool competition.

Wade Boughen Phone: 08 8578 3418 or 0448 324579



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APPENDIX 3

Date: / / Time: _____

Landmark Schools Fleece Judging Competition



Name: _____ School: _____ Year Level: _____

Placing:	Fleece 1		Fleece 2		Points Awarded
	Weight: Max Points	Description (Place points awarded in column)	Weight: Max Points	Description (Place points awarded in column)	
Trueness to Breed	10	Choice 10, Spinners 8, superior 9 Best T/M 7 Good T/M 6	10	Choice 10, Spinners 8, superior 9 Best T/M 7 Good T/M 6	
Uniformity of Length	10	Excellent 10, Average 6, Good 8, Irregular 4	10	Excellent 10, Average 6, Good 8, Irregular 4	
Soundness	10	Sound 10, Tender 4, Part tender 7	10	Sound 10, Tender 4, Part tender 7	
Handle	8	Very soft 8, Average 5, Soft 7, Harsh 3	8	Very soft 8, Average 5, Soft 7, Harsh 3	
Colour & Bloom	6	Very Bright 6, Creamy 4, Bright 5, Dull 3	6	Very Bright 6, Creamy 4, Bright 5, Dull 3	
Character	10	Excellent 10, Irregular 6, Good 9, Plain 5, Fair 8, Poor 3	10	Excellent 10, Irregular 6, Good 9, Plain 5, Fair 8, Poor 3	
Density	6	Excellent 6, Average 3, Good 5, Poor 2	6	Excellent 6, Average 3, Good 5, Poor 2	
Evenness	10	Excellent 10, Irregular 4, Good 8, Very Irregular 2, Average 6	10	Excellent 10, Irregular 4, Good 8, Very Irregular 2, Average 6	
Top & Noil Product	30	Use provided ready reckoner or yield % divided by Fleece weight Eg yield 85% = 0.85 x (12kg Fleece weight) = 10.20 points	30	Use provided ready reckoner or yield % divided by Fleece weight Eg yield 85% = 0.85 x (12kg Fleece weight) = 10.20 points	
Total	100		100		

Comments: _____

Placing:	Fleece 3		Fleece 4		Points Awarded
	Weight: Max Points	Description (Place points awarded in column)	Weight: Max Points	Description (Place points awarded in column)	
Trueness to Breed	10	Choice 10, Spinners 8, superior 9 Best T/M 7 Good T/M 6	10	Choice 10, Spinners 8, superior 9 Best T/M 7 Good T/M 6	
Uniformity of Length	10	Excellent 10, Average 6, Good 8, Irregular 4	10	Excellent 10, Average 6, Good 8, Irregular 4	
Soundness	10	Sound 10, Tender 4, Part tender 7	10	Sound 10, Tender 4, Part tender 7	
Handle	8	Very soft 8, Average 5, Soft 7, Harsh 3	8	Very soft 8, Average 5, Soft 7, Harsh 3	
Colour & Bloom	6	Very Bright 6, Creamy 4, Bright 5, Dull 3	6	Very Bright 6, Creamy 4, Bright 5, Dull 3	
Character	10	Excellent 10, Irregular 6, Good 9, Plain 5, Fair 8, Poor 3	10	Excellent 10, Irregular 6, Good 9, Plain 5, Fair 8, Poor 3	
Density	6	Excellent 6, Average 3, Good 5, Poor 2	6	Excellent 6, Average 3, Good 5, Poor 2	
Evenness	10	Excellent 10, Irregular 4, Good 8, Very Irregular 2, Average 6	10	Excellent 10, Irregular 4, Good 8, Very Irregular 2, Average 6	
Top & Noil Product	30	Use provided ready reckoner or yield % divided by Fleece weight Eg yield 85% = 0.85 x (12kg Fleece weight) = 10.20 points	30	Use provided ready reckoner or yield % divided by Fleece weight Eg yield 85% = 0.85 x (12kg Fleece weight) = 10.20 points	
Total	100		100		

Comments: _____



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Landmark Schools Fleece Judging



Date: / / Time:

Name: _____ School: _____ Year Level: _____

I Placed fleece ____ in 1 st position because...	I Placed fleece ____ in 2 nd position because...
I Placed fleece ____ in 3 rd position because...	I Placed fleece ____ in 4 th position because...



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March 31 & April 1, 2017

Karoonda Farm Fair

This certificate recognises that

APPENDIX 2

Competed in the 2017 Schools Fleece Judging Competition

Proudly supported by





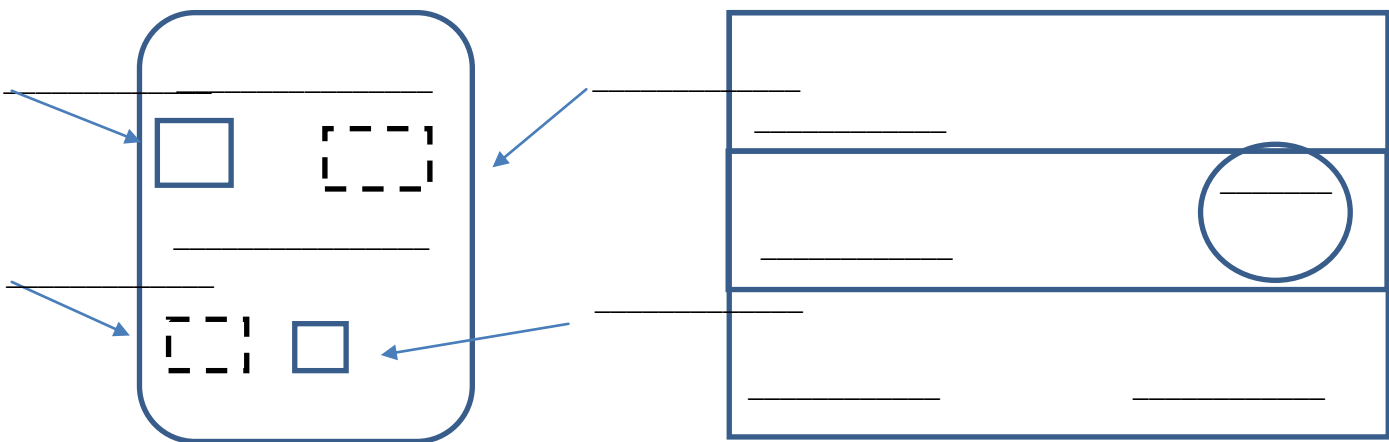
AWEX Schools in wool program

All information can be found at the AWEX Site in the Karoonda Farm Fair Wool Competition Tent (Next to Greenies Shearing shed)

Question 1: When closing a bale of wool how many fasteners do you use?

- A. 4 Internal & 5 External
- B. 3 Internal & 3 External
- C. 4 internal & 4 External
- D. Any Number making sure bale is secure and closed

Question 2: Label a wool bale top and bottom as you would brand it



Question 3: What is the minimum and Maximum weight of a wool bale?

Minimum _____ kg Maximum _____ kg

Question 4: What is the maximum wool bale length? _____

Question 5: You have finished shearing and you have small lines of wool left over you decide to make one bale what is this called?



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Question 6: The small lines consist of 50kg AAAM, 30kg MSTN, 20kg MLKS 60kg MPCS. What order do you place them in the press and why? What will the total bale weigh?

Question 7: When preparing a Bulk Class, what do you use in between the layers?

- A. Nothing
- B. Cut a wool pack or anything you can find
- C. Plenty of paper
- D. Any of the above

Question 8: I Have wet wool should I press it? Give reasons why or why not

Question 9: Complete the following table on wool auctions

Region	Auction Location	Wool Drawing areas
	Sydney NSW	
	Melbourne VIC	
	Fremantle WA	



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Question 10: Match the wool supplied to the breed of sheep and identify the breed code

(Samples located in the Karoonda Farm Fair Wool Competition Tent)

Letter	Breed	Description or Type	Breed Code
		(White) 18.6 micron and broader. Typically, well-defined crimp tip to base, clean white open face, white legs and hooves.	
		White medium merino wool type, dual purpose breed, dense white fleece, bare lower legs	
		Dorset, Ryeland, Southdown, Suffolk, White Suffolk	
		Australian white, Damara, Dorper, Meat Master, Wiltipoll	

Question 11: Identify samples of wool from classed lines in a shearing shed

	Type of wool (description)	COP Bale Description
A		
B		
C		
D		
E		
F		
G		
H		
I		
J		
K		
L		



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Question 12: Over what period is the wool selling season held and for how long does it last?

Question 13: How is wool quoted

- A. Dollars Per Kilogram (KG)**
- B. Cents Per Kilogram (KG)**
- C. Dollars Per Tonnes**
- D. Cents Per Bale**

Question 14: Name four factors that may Determine the price of wool?

15: Define the following terms

A. Micron



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B. Comfort Factor (CF)

C. Yield

D. Vegetable Matter (VM)

E. Fleece Value

F. Clean Fleece value



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G. Greasy Value

H. Fleece Weight

I. Scoured Wool:

J. Carbonised Wool

M: Tops

N: Combing Wool



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O: Carding Wool

Question 16: What is the National Number of sheep shorn and shorn sheep production (Million KG) In Australia in 2015/2016 ?

Question 17: What is the National Number of sheep shorn and shorn sheep production (Million KG) In South Australia in 2015/2016 ?

Question 18: Merino Wool makes up what percentage of the wool Auctions, compared to other breeds?

Question 19: Which country is the highest primary export destination of Australian wool?

Question 20: Name other countries who are primary export destinations of Australian Wool:



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CLASSINGS P/L - MURRAY BRIDGE SA
- WOOL TESTING LABORATORY -
- MERINO BREEDING ADVISORY -

Schools Merino Judging Competition

Friday 31st March 2017

Classings P/L Schools Merino Judging Competition to be held at 12:00pm outside the Karonda Farm Fair Wool Competition tent. Students can register for the session before the session begins from 9:00am at the desk or students information can be sent to boughenwade@hotmail.com before the event.

Classings P/L Murray Bridge sheep classer Bill Walker will give a demonstration followed by students judging where four competitors at a time will have 12 minutes to judge four merino sheep.

Four merino sheep will be Marked 1-4 they will be Judged on many important aspects. Please see attached information on merino sheep. Also, Australian Wool Innovation (AWI) have supplied copies of "Visual Classing Merino Sheep" for students to use and take home.

Please print merino sheep judging sheets for students they can be found at www.karoondfarmfair.com Under the entertainment/ School's section. Certificate of participation are also available for printing online for all students who compete in the merino judging competition.

The over judge will judge the sheep giving them points in the categories. This will determine an order for 1st, 2nd, 3rd and 4th place. The overjudge Bill Walker Classings P/L will give his reasons for the placing of the sheep after the competition.

Competitors who put the sheep in the correct order as well as give the correct or closest comments for each sheep in the above categories will be awarded the winner.

A small presentation will be given after the completion of the competition and results will also be available to the teachers after the competition to assist with assessment if required.

Wade Boughen

Email: boughenwade@hotmail.com

Phone: 08 8578 3418 or 0448 324579



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CLASSINGS P/L - MURRAY BRIDGE SA
- WOOL TESTING LABORATORY -
- MERINO BREEDING ADVISORY -

Classings P/L Schools Visual Sheep Merino Classing

Name: _____ School: _____ Year level: _____

Positive points	Negative points
Sheep 1	
Sheep 2	
Sheep 3	
Sheep 4	



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Placings: 1st _____ 2nd _____ 3rd _____ 4th _____

1st Place

Why you placed first: (strengths)

2nd Place

Placed below 1st because:

Placed about 3rd because:

3rd Place

Placed below 2nd because:

Placed above 4th because:

Use comparative terms for your reasoning (stronger, more length, larger etc).



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March 31 & April 1, 2017

Karoonda Farm Fair

This certificate recognises that

Competed in the 2017 Schools Fleece Judging Competition


Proudly supported by

**CLASSINGS P/L - MURRAY BRIDGE SA
- WOOL TESTING LABORATORY -
- MERINO BREEDING ADVISORY -**



GRAIN AND HAY CLASSIFYING

Using the grain and hay samples at Greeny's Shearing Shed, identify each sample and write the letter next to the name of the grain or hay.

GRAIN	CONTAINER LETTER	HAY	CONTAINER LETTER
Wheat		Lucerne	
Oats		Oats and vetch	
Barley		Vetch	
Triticale		Wheat	
Peas		Triticale	
Lupins			
Vetch			
Canola			
Sorghum			
Sunflower			
Rye			
Mung Beans			
White Millet			
Linseed			
Corn			
Lucerne			



YARD DOGS

Describe how the yard dog competition works

In 2017, the Farm Fair is hosting an important yard dog event. What is it?

How much would you expect to pay for an untrained dog? _____

Trained dog? _____

A pup? _____

How long does it take to train a pup before it can compete in the novice section? _____

How is a dog trained to perform in the yards? _____

What are the dog breeds on display? _____

After observing the yard dogs, what are 5 qualities of a good working dog?

1. _____
2. _____
3. _____
4. _____
5. _____

Take a photo of a dog in action.



SHEEP DOG TRIALS

Describe how a sheep dog trial works _____

What is the difference between a sheep dog trial and the yard dogs?

What are the dog breeds on display?

After observing the sheep dog trials, what are five qualities of a good working dog?

1. _____

2. _____

3. _____

4. _____

5. _____

Take a photo of a dog in action.

Draw and label the course a dog has to complete:



SHEEP STUDS AND BREEDS

Visit four different sheep stud stalls and complete the following:

Name	Breed	Promotional points or mottos	Location

Take a photo of each of the displays.

Choose what you think is the most effective sheep stud display.

Find out:

What was the price range for their rams last year?

What price do they expect to make for their rams this year?



AGRICULTURAL DISPLAYS

What is the definition of agriculture? _____

Using the following table, visit and critique ten different displays:

Name	What are they selling?	What is the purpose of the product or service?	What marketing is used? (Signs, brochures, salesperson etc)



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List two benefits of a farmer attending the Farm Fair:

1. _____

2. _____



SHEARING



Observe the shearing demonstration and complete the following:

What methods of shearing are used? _____

Name three safety practices you can see during the shearing demonstration:

1. _____

2. _____

3. _____

What position on a sheep does a shearer start on? _____

Using your phone or watch, record the time it takes for three sheep to be shorn: 1. _____ 2. _____ 3. _____

From this, work out the average time it takes to shear a sheep:

A shearer works the following hours: **7 am – 9:30 am**, *9.30 am -10 am: morning break*, **10 am – 12 pm**, *12 pm – 1 pm: lunch*, **1 pm – 3 pm**, *3 pm – 3:30 pm: afternoon break* and **3:30 pm – 5:30 pm**.

How many minutes does a shearer shear a day? _____

How many seconds? _____

Calculate how many sheep a shearer can shear in one day?

If the going rate is \$3.00 per sheep shorn, how much money can a shearer make in one day? _____ One week? _____



SETTING UP A FARM IN THE KAROONDA AREA

A family member has left you \$500,000 and you wish to buy a farm at Karoonda for cropping.

LAND

A property of 1000 hectares is on the market with a house, good fences and sheds.

Check the recent farm sales displayed in the Landmark tent and estimate the amount it will cost for this property.

Recent Property Sales:

Price sold for	Size in Hectares	Price per hectare
Property 1		
Property 2		

Calculate the average price of land per hectare: _____

Calculate the price for the 1000ha property you want to buy: _____



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MACHINERY

Visit the machinery stands to find out the cost of machinery you will need:

You are required to take a photo of each piece of machinery or collect a brochure.

Air seeder: \$ _____

Boom sprayer: \$ _____

Tractor: \$ _____

Header: \$ _____

Ute: \$ _____

OTHER REQUIREMENTS

This will make only the start of your farm. Seed, fertiliser, chemical, fuel and other machinery have not been included.

Estimate how much you need for these requirements:

Seed: \$ _____

Fertiliser: \$ _____

Chemical: \$ _____

Fuel: \$ _____

Other machinery: \$ _____



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FINANCES

Calculate the total funds you require:

Total for machinery: \$ _____

Total for land: \$ _____

Total for other requirements (seed, fertiliser, chemical, fuel and other machinery):
\$ _____

OVERALL TOTAL: \$ _____

Less your inheritance: \$ _____

Total amount required to be borrowed from the bank? \$ _____

Visit a bank stall to find out some loan details:

Name of bank: _____

Type of loan: _____

Interest rate: _____

Term of loan: _____

What other aspects of purchasing and running a farm don't you think have been considered? _____



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SECONDHAND MACHINERY

Using one of the following websites, find the cost of second-hand machinery.

<https://www.farmtender.com.au/>

<http://www.farmclearingsales.com.au/>

You need to take a screenshot or print screen each item.

Air seeder: \$ _____

Boom sprayer: \$ _____

Tractor: \$ _____

Header: \$ _____

Ute: \$ _____

Will you choose to buy new or secondhand?

Make sure you write why you chose to buy new/secondhand.

Cultivator: NEW or SECONDHAND (circle) \$ _____

Justify your choice: _____

Air seeder: NEW or SECONDHAND (circle) \$ _____

Justify your choice: _____

Boom sprayer: NEW or SECONDHAND (circle) \$ _____

Justify your choice: _____

Tractor: NEW or SECONDHAND (circle) \$ _____

Justify your choice: _____

Header: NEW or SECONDHAND (circle) \$ _____

Justify your choice: _____

Ute: NEW or SECONDHAND (circle) \$ _____

Justify your choice: _____



AGRICULTURAL CAREERS

Between 12 pm and 1 pm, speak with one of the following rural workers:

- Stock Journal journalist outside Greeny's Shearing Shed
- Landmark: merchandise manager, stock agent, real estate agent or wool broker
- Mechanic: WD Lewis
- Machinery sales: WD Lewis, GJ Clarke or Ramsey's
- Precision Agriculture: Ramsey's
- Truck driving: Bee Jays Haulage or Staker Haulage
- NRM: Park Ranger, revegetation, landcare, soil science, biosecurity, animal/plant control and fire management
- Wool handling, classing and shearing: Heidi Marchant and shearers outside of Greeny's Shearing Shed
- Agronomist: Platinum
- Agronomist: Kaye Zadow at Elders
- Insurance: General Insurance Agencies

How did they get their job?

What training was required?

What hours do they work?



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What does a typical day involve?

What is the most rewarding part of their job?

What is the most challenging part of their job?

Are there future opportunities in the field?

Any other information:




TRASH TO TREASURE

upcycle garden challenge

1. Source

Find discarded or scrap materials



2. Upcycle

Reincarnate the materials back to life to design something to be used for the garden e.g. garden art, shed wear, furniture etc.



3. Enter

Entrants will be judged in three main categories:

- Best Design Under 17
- Best Overall Design
- People Choice Award

People choice
prize \$100

Best Overall
Design prize
\$200

Under 17
prize \$75



When: 31st March & 1st April 2017

Where: Karoonda Farm Fair

for more information contact Janine Dutschke 0407781263
or visit the website www.farmfair.com.au



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APPENDIX 19

MAP

