

With

Discount
Entry
Fees

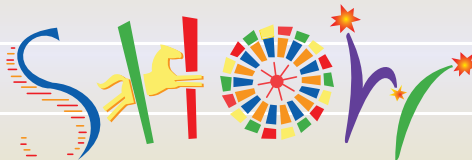
for

School
Groups

ActewAGL Royal Canberra Show
Supreme Led Australian Stock Horse

ActewAGL

ROYAL CANBERRA



EDUCATION HANDBOOK
25-27 FEBRUARY 2011

EXHIBITION PARK IN CANBERRA

www.rncas.org.au

A prize-winning partnership.



When locals take home the blue ribbon, ActewAGL couldn't be prouder. ActewAGL partners with the Royal National Capital Agricultural Society to bring you the 2011 Royal Canberra show.

ActewAGL invests time, resources and expertise into community partnerships. Over 150 charities, schools, community groups, sporting teams and businesses are supported through our Community Sponsorship program.

Let's power ahead.

Supporting
our 
Community


ActewAGL
Always.

Message from the Minister

I am pleased to welcome students and teachers to this year's ActewAGL Royal Canberra Show and introduce the Education Handbook 2011.

The Canberra Show provides students with a wealth of learning experiences through the varied range of attractions on show.

This Handbook is full of ideas and activities that students can complete to ensure their visit to the show is educational, as well as great fun.

Students have the chance to learn more about sustainability, farming, plants and animals at the show in a fun way which complements the work being done in classrooms.

Students can learn about our environment and issues affecting our region such as climate change in a hands-on way and see first-hand how it impacts on the way we live and how we care for the land, our wildlife and domestic and farm animals.

Students will also have the chance to see a range of animals they may not usually encounter, talk to local farmers, and learn more about agriculture and produce grown in the Canberra region.

To ensure our students recognise the importance of environmental sustainability, the ACT Government is striving to see all schools carbon neutral by 2017.

Water tanks and solar panels are being installed at schools and schools are working hard to reduce their water and electricity consumption. Students are taking an active role in this process.

I would like to wish you an enjoyable, informative and memorable time at the 2011 ActewAGL Royal Canberra Show.



Andrew Barr MLA
Minister for Education and Training



Application Form

*For Student Discount Entry to the
2011 ActewAGL Royal Canberra Show*

FRIDAY 25 FEBRUARY FROM 8.30 AM

Name of School: _____

Postal Address: _____

Telephone: (____) _____ Facsimile: (____) _____

Contact Teacher/s: _____

Age Range of Students Attending: _____

Are there any special requirements, for example, wheelchair access? Please give details:

No. Students Under 6 Years	_____	FREE
No. Teachers/Supervisors to Attend	_____	FREE
No. Students to Attend	_____ x \$5.00	\$ _____
TOTAL:	_____	\$ _____

Please find enclosed a cheque/money order for \$ _____
made out to the Royal National Capital Agricultural Society

Please charge \$ _____ to my Mastercard Visa

Card Number _____

Expiry Date _____ / _____

Cardholder's Name: _____

Cardholder's Address: _____

_____ Postcode: _____

Cardholder's Signature: _____

Please return this completed form to the following address by 14 February 2011:

PO Box 124 MITCHELL ACT 2911

PLEASE PHOTOCOPY THIS FORM





Art

Maf Ref B5

The Royal Canberra Art Show attracts more than 300 entries each year. A wide range of traditional and abstract styles will be on display covering subjects such as landscapes, portraits, still life, mixed media, calligraphy and photography.

Did you know that watercolour paper is not really paper at all? It is actually pressed cotton cloth.

There is a high chance that schools will be able to see the work of their fellow students on display in one of the young images sections of the art show. So why not come down and see the variety of creative talent on display?

In 2011, the Art Section holds a sponsored competition specifically aimed at High School students (12-17). This is a guessing competition of various painted and other mediums. This is in memory of Lisa Jane by the Allan Family. The first 5 correct entries win \$20 cash. To participate, simply fill in the form below and return to one of our friendly stewards when you visit the Art Pavillion.

High School/College Student Competition

Name: _____

Age: _____

School: _____

Contact No: _____

Circle the Painting Number

Water Colour	Painting No.	1	2	3	4	5	6
Oil or Acrylic	Painting No.	1	2	3	4	5	6
Pastel	Painting No.	1	2	3	4	5	6
Drawing	Painting No.	1	2	3	4	5	6
Mixed Media	Painting No.	1	2	3	4	5	6

Farmyard Nursery

Maf Ref D4

The ActewAGL Farmyard Nursery is by far the cutest part of the show and it's not every day the kids get a chance to get up close and personal with the other kind of kids.

We have a variety of baby animals, and their mums, including sows and piglets, cows and calves, as well as ducklings, chickens, puppies, covies (guinea pigs) and more!

Visit Kindy Corner, a hands-on area in the Nursery where children can meet, stroke, cuddle, hold and talk to some of these friendly little animals.

There's even a cooler than cool hatching display, so come along and watch some of these little babies come into the world for the first time! Plus, you can have your picture taken with your favourite animal at the photo stall inside the Nursery (but you might have to catch it first!)

Dog

Maf Ref G4

More than 2,000 dogs from 150 different breeds will compete for the coveted title of Best Dog In Show at the 2011 ActewAGL Royal Canberra Show - Dog Show.

The Royal Canberra Dog Show is the largest three-day dog Show in Australia.

Did you know that dogs are more than pets? Dogs can be professionals, just like humans. Many of them even have paid jobs! Dogs can work in airports, police stations and on farms. They protect us, save us, work for us, and give us unconditional love. They really are amazing creatures, and there are many many different breeds for the different purposes we require them for.

Your task – visit the Dog section of the show. Find a dog that really interests you and try and find out more about it!

Cavies

Maf Ref C5

Also known as **Guinea Pig**

This year there will be over 50 different breeds of cavy to be judged in seven different groups including Coarse Coat, Crested and Longhair. Popular breeds such as Himalayan, Abyssinian, Dalmatian and Texel will be judged in the 2 Championship Shows on Saturday upstairs above the Craft Expo in the Coorong Pavilion.

Cavy is the popular name for guinea pig. It is derived from their Latin name, *cavia porcellus*. They originally came from the Andes (Peru, Bolivia, and Ecuador) where they have been domesticated for around 5000 years. They were brought to Europe sometime in the 16th Century. Princess Diana had cavies as pets when she was young!

If you miss out on Saturday, you can see the cavies on display at the Farmyard Nursery (Map reference D4) every day of the show, where cavy fanciers will be on hand to answer questions including where to buy one, how to keep them, showing, etc. They will be able to tell you why they are called guinea pigs.

Harvest Hall

Maf Ref D4

If you can cook it, carve it, grow it or bake it, you will probably find it in Harvest Hall. Harvest Hall features hundreds of competition entries from bread to cakes to carrots to pumpkins. Entries in flowers, cookery, jams and spreads, garden produce and lavender will be on show plus there will also be a display of bees and olive oil. A regular and very popular feature of the Harvest Hall will be the Woolworths Fresh Produce Display, a magnificent picture scene made entirely of fresh fruit and vegetables plus grains, rice and wool.

Some sections, such as cookery, garden produce and horticulture, are still open for entry and students are encouraged to enter. Telephone the Show Office on 6241 2478 for schedules and entry forms.



Goat

Maf Ref F3

Goats were among the earliest animals to be domesticated. Goat remains found in Asia tell us that this domestication happened between 6000 and 7000BC.

Goat breeds can be classified into three different types – meat, dairy and fibre. Dairy breeds include Anglo-Nubian, British Alpine, Saanen and Toggenburg. Fibre breeds are Angora and Cashmere, while Boer is a meat breed.

The Boer goat originated in South Africa. It is considered far superior to any other goat breed for meat purposes.

Anglo-Nubian goats are considered the most popular. They originated in the United Kingdom as a result of cross breeding the British goat with the Egyptian or Indian descendants. Milk of these goats is ideal for cheese making because of its high butter fat content.

The Cashmere goat was artificially bred in Australia and exported to the United States of America in the 1980s. Their Cashmere fleece is very valuable.

Over 300 goats of eight different breeds will be judged at the 2011 ActewAGL Royal Canberra Show. The Dairy and Angora Goats will be judged on Friday and the Cashmere and Boer Goats on Saturday. On Sunday, the Boer Goats will continue along with the Junior Handling and Junior Judging competition.

Alpaca

Maf Ref F3

Alpacas are social herd animals and should always be kept with others of their kind, or at the very least with other herd animals. They are gentle, elegant, inquisitive, intelligent and observant.

As they are a prey animal, they are cautious and nervous if they feel threatened. They like having their own space and do not like an unfamiliar alpaca or human getting close, especially from behind. They warn the intruder away by making sharp, noisy inhalations, putting back their ears, twisting their heads and necks backwards toward the perceived threat, screaming, threatening to spit, and eventually may spit and kick. Due to the soft pads on their feet, the kicks are not as dangerous as those of hoofed animals.

A native of South America, the alpaca is a domesticated member of the Camelid family which includes the llama, camel, dromedary, guanaco and vicuna. Australia has the largest population of alpacas outside of South America. Approximately 40,000 alpacas are registered in Australia.

A large number of alpacas and fleeces are displayed at this year's Royal Canberra Alpaca Show. The huacaya alpaca will be judged in 'short fleece' (30-70mm) in order to be comfortable in the heat of Canberra's mid-summer. Alpacas are shorn once a year, usually in spring. Fleece weights range from 2-5kg and are valued according to their micron and its silky feel.



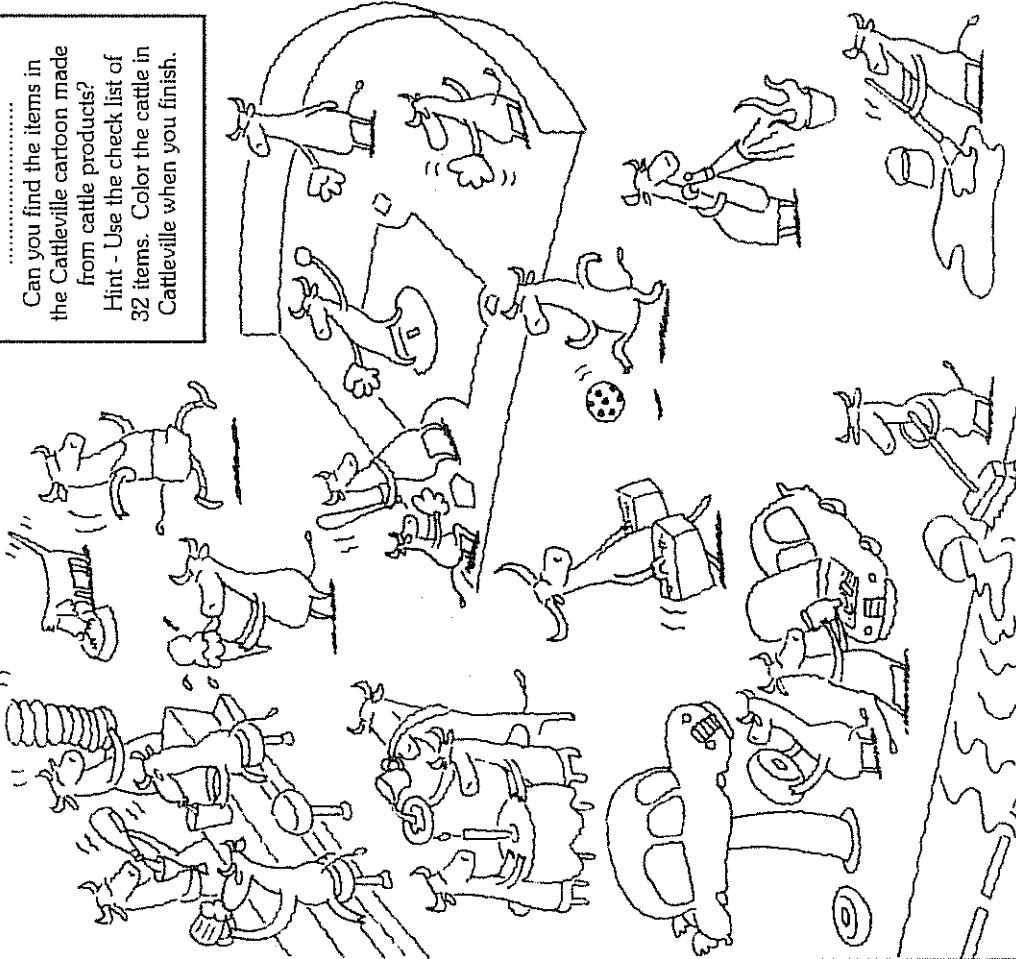
ACTIVITIES

The activities in this resource book provide opportunities for teachers to stimulate interest in a particular field of study.

Teachers may wish to develop whole units of work using the Show visit as a starting point for further investigation and research. It is suggested that teachers encourage students to collect as much information as possible at the Show.

CATTLEVILLE

Can you find the items in the Cattleville cartoon made from cattle products?
 Hint - Use the check list of 32 items. Color the cattle in Cattleville when you finish.



From Cattle

Check the items off as you go.

Hides and Hair

- Paint Brush
- Furniture Glue
- Wallpaper
- Baseball
- Soccer Ball
- Leather Jacket
- Leather Chair or Stool
- Building Insulation
- Leather Suitcase
- Baseball Glove (Mitt)

Fats/Fatty/Acids

- Hydraulic Brake Fluid
- Rubber Fishing Waders
- Running Shoes
- Asphalt
- Candle
- Lipstick
- Floor Wax
- Tires
- Deodorant
- Shampoo
- Bar Soap

Bones, Horns, Hooves, Blood and Gelatin

- Beer
- China Dishes
- Ice Cream
- Milkshake
- Fire Extinguishing Foam
- Camera Light Filter
- Camera Film
- Dog Food
- Printing Press
- Comb

From Pancreas

- Medicine

Studies of Society and Environment

Early Primary

Visit the Harvest Hall. Name three types of honey that are on displayed.

Upper Primary

Agriculture is all around us. As consumers, we depend on agriculture to provide food, clothes, and other things we use every day. List some products that you use in your daily life that are produced from agriculture.

High School

Discuss the way that weather impacts farmers and their environment.

Health and Physical Fitness

Early primary

Visit the Budawang Pavilion (Leisure and Lifestyle) and check out the Heart Foundation Stand. Have a good look at all the displays and information. Write down 4 yummy things you would like to have in a healthy lunch box.

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

Upper primary

Visit the Heart Foundation stand in Budawang Pavilion and check out the information on the different types of fat found in food. Can you complete the following sentences:

The type of fat which is most harmful for our blood vessels and heart is _____ fat.

Both polyunsaturated and _____ fat are found mainly in foods from plant sources.

High School

What is in a cigarette? Go to the Heart Foundation stand in Budawang Pavilion to find out what chemicals are found in cigarettes and cigarette smoke.

Technology

Early primary

Technology is used all around us, especially in rides at the Sideshow Alley. Think about the differences between rides today and rides in the olden days.

Upper primary

Visit the Canadian Lumberjacks show and see how the lumberjack performs. How has technology improved the way that wood is chopped? Compare wood chop today to methods of the olden days.

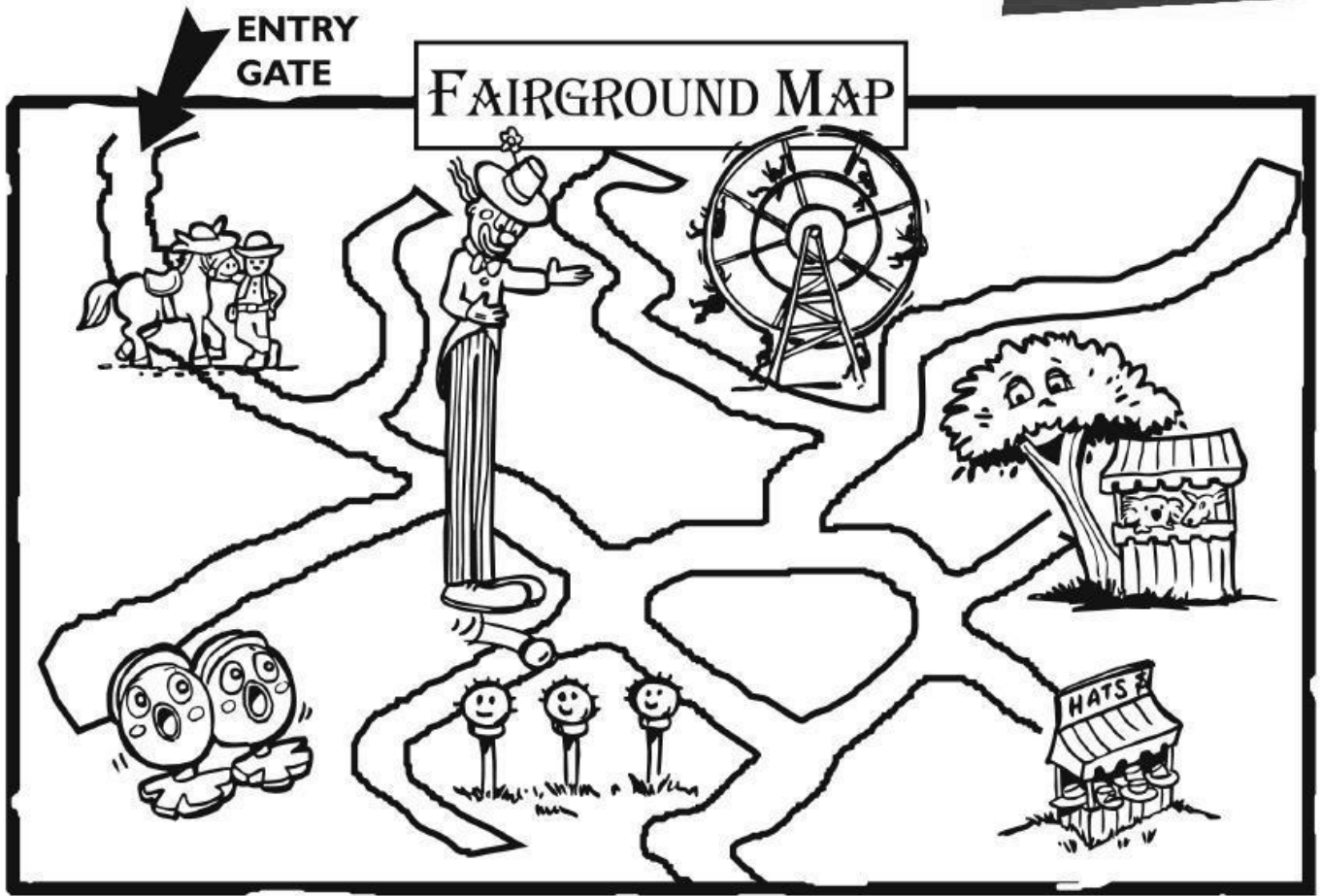
High School

How do farmers use technology to help them in their work? Discuss a particular farming industry.



The fair - story map

Draw the route Bindy, Gil and Ryder took during their day at the fair



Fill in the words from the word list on the five things Bindy and Gil did to protect their skin from the sun.

S h _ _ t

S _ _ s _ _ _ _ n

S _ n h _ _

S u _ g _ _ s s _ s

S h _ _ e

Shade

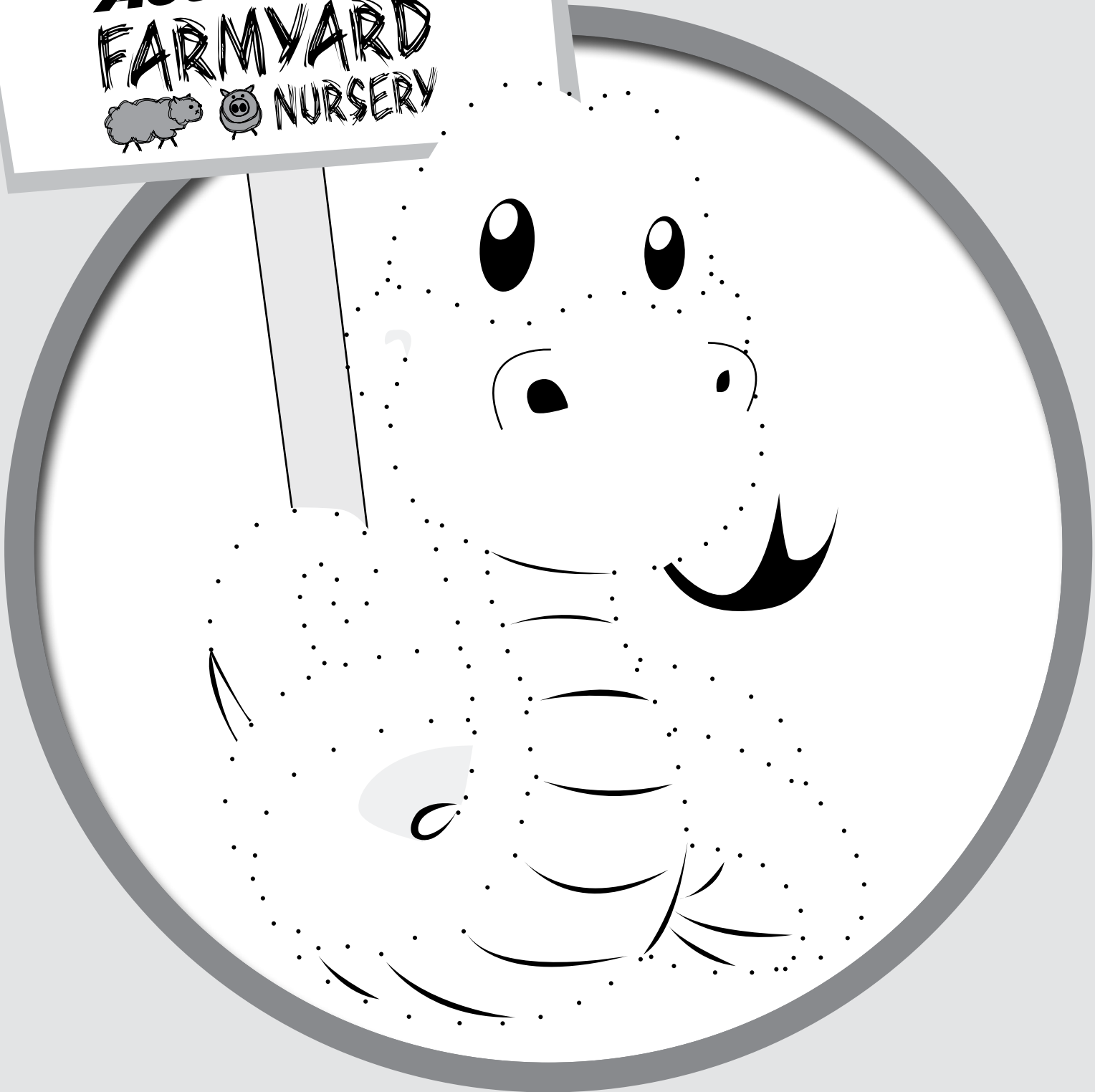
Sunglasses

Shirt

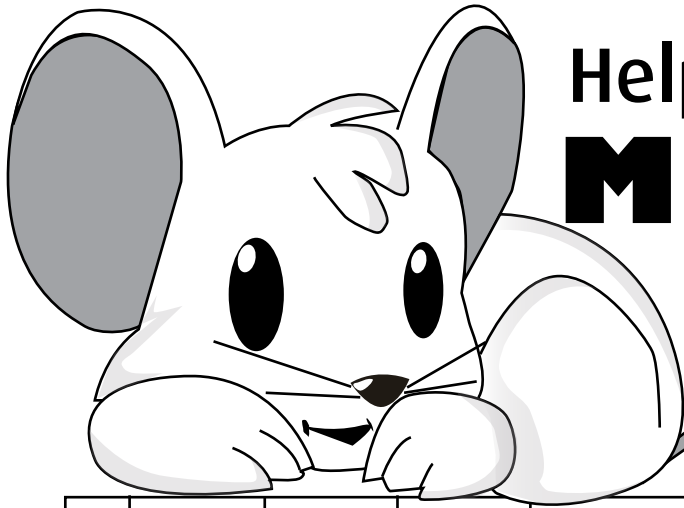
Sun hat

Sunscreen

ActewAGL
FARMYARD
NURSERY

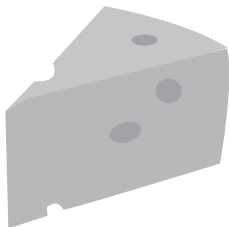
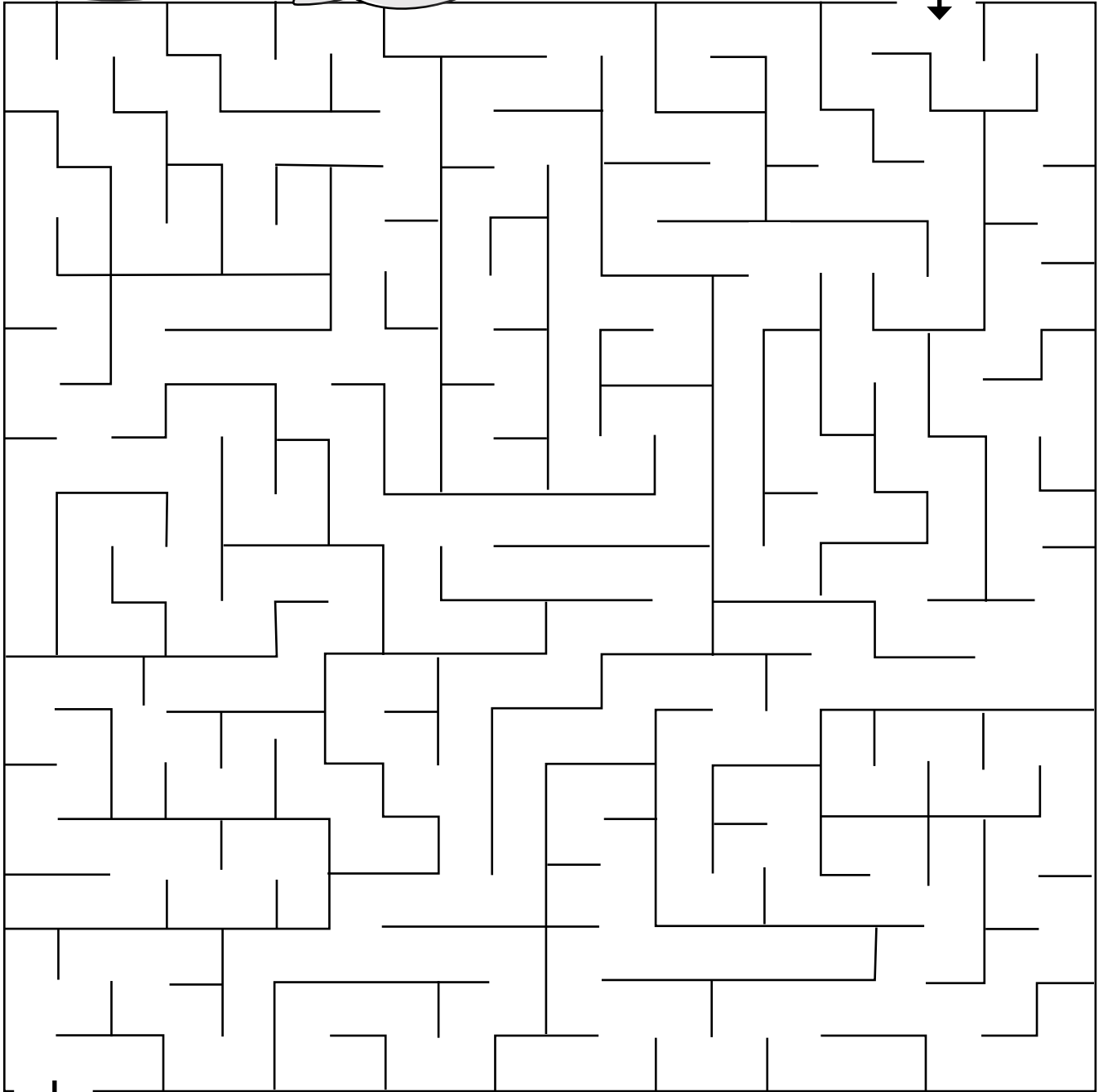


ActewAGL
Always.



Help
Marty Mouse
through the maze
to the cheese.

to the cheese.



ActewAGL
Always.

Attractions

Spectacular Canadian Lumberjacks

Map Ref B4

First time coming to the Show, the Spectacular Canadian Lumberjacks combines danger, excitement, thrills, spills and side splittling hilarity of lumberjack extravaganza. Wood chopping, axe throwing, log rolling, pole climbing, chainsaw dueling, audience participation and more, the performance delivers an exciting hour long show that leaves the audience breathless!

Milking Barn

Map Ref E3

The Dairy Farmers Milking Barn holds entertaining and educational demonstrations of modern milking techniques. Join in the fun of using an old-fashioned butter churn to turn fresh milk into butter or sample a range of milk products from the giant Canberra Milk carton nearby.

Side Show Alley

Map Ref B3

Rides have always been a fun feature at the Show. In Side Show Alley there are over 100 games and rides, so join in the fun and have a go!

Farmyard Nursery

Map Ref D4

Cuddling a baby farm animal is an exciting and rare experience! At the Farmyard Nursery, there are a variety of baby animals and their mothers including goat & kid, mare & foal, sow and piglet, cow and calf, as well as ducklings, chickens and puppies.

Grand Parade

Map Ref C3

The Grand Parade is full of colour and spectacle as hundreds of animals and entertainers parade around the Main Arena. The Grand Parade will be on Saturday 26 February at 4pm and Sunday 27 February at 2.30pm.

Pig Racing and Pig Diving

Map Ref E4

Witness who the fastest little piggy will be at the Pig Racing and watch Australia's favourite diving pig, leaping off a 4 metre diving board into a pool. You can't miss out on this hilarious event.

Dr Harry

Map Ref E4

A major highlight of the 2011 ActewAGL Royal Canberra Show will be Australia's favourite TV Vet, Dr Harry Cooper, performing at the ActewAGL Alley. He will be available to answer all animal and pet-care questions, as well as signing autographs!



Safety Around Animals

Although many animals are domesticated, they can cause injury and should be treated with caution.

The size and bulk of some animals can make them potentially dangerous.

Please advise students the following:

- △ Do not make any sudden movements or loud noises. This may startle the animals.
- △ Do not poke, tease or copy the sound any animal makes.
- △ Only touch animals if the owner is present and gives his or her permission.
- △ Do not stand behind the animals.
- △ Quietly speak to the animal as you approach, to avoid frightening the animal.
- △ Move slowly in single file when around animals. Cows can see nearly 360 degrees without moving their heads. A quick movement from behind is just as likely to frighten them as a movement from the front.
- △ Allow enough space between yourself and the animals to avoid being stepped on, kicked or bitten.
- △ Be extra careful around small newborn animals. Adult females are more aggressive when protecting their young.
- △ Touch animals gently. Do not push or shove.
- △ Very young children, particularly in prams, should not be moved close to an animal and the child should not be encouraged to pat.
- △ Wash hands after stroking animals.
- △ Please advise students to wear comfortable shoes, a hat and sunscreen.
- △ Students should also wear some form of school identification.
- △ We suggest that the group have a designated 'check in' location and time in case members of the group get separated.
- △ Central Park, located near the main entrance, map reference B4, provides plenty of shade. Please point this out to your students on arrival.
- △ A back pack or carry bag is useful for students to collect information and samples from exhibitors while at the Show.



Presented by the Royal National Capital Agricultural Society
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25, 26, 27
February 2011

ActewAGL ROYAL CANBERRA SHOW

- E4 ActewAGL Alley
- D4 ActewAGL Farmyard Nursery
- F3 Alpaca Pavilion
- B5 Art Pavilion
- C5 Canberra Times Craft Expo
- B3 Cats
- E4 Cattle Pavilions
- F3 Cattle Rings
- G3 Dog Ring Office
- F2 Donkeys
- F3 Goat Pavilion
- D4 Harvest Hall
- C2 Horses
- A5 Leisure and Lifestyle Pavilion
- B4 Lumberjack Show
- B3 Members Restaurant
- A4 Police, Lost Children
- D4 Privileges Hospitality Marquee
- B5 RNCAS Commercial Office
- B4 RNCAS Show Office
- B2 RNCAS Maintenance Office
- F3 Sheep Pavilion
- B3 Showbag Pavilion
- B4 Tradies Central Park



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