Ekka

EDUCATION

LEARNING TRAIL PASSPORT

Draw your face and join me (Farmer Rhonda) and my Farmyard Friends on the trail!

Ekka

Ekka

Name:

LEARNING

O'CONNELL TERRACE

BOWEN BRIDGE ROAD

5

THE COURIER-MAIL SHOWBAG PAVILION

LARGE ANIMAL PAVILION

8

B105 SIDESHOW ALLEY

MACHINERY H

JOHN MACDONALD STAND

MAIN ARENA

MEMBERS' STAND

6

B105 SIDESHOW ALLEY

AAM WOODCHOP ARENA

GOURMET PLAZA

AG EDUCATION HALL (GROUND FLOOR)

1 **2** **3** **4**

KING STREET

1

WOOLWORTHS FRESH FOOD PAVILION

BOWEN BRIDGE ROAD

GREGORY TERRACE

COSTIN STREET

CARRIAGE STREET

TRAIL MAP

TRAIL POINTS
AG EDUCATION HALL

1 *Bees*

2 *Little Backyard Farmers*
presented by Somerville House

3 *Agtech Alley*

4 *Cotton*

TRAIL POINTS
EXPLORE EKKA

5 *Sheep Shearing*

6 *Animal Nursery*

7 *Horsing Around Show*
presented by QOTT

8 *Norco: Grass to Glass*

Stamp your passport at the Learning Trail Point Stands. These stands will help answer questions!

STOCK PAVILION

BROOKES STREET

STOCKMAN'S REST

7 SHOW RING

HORSE STALLS

XXXX STOCKMEN'S BAR & GRILL

HORSE STALLS

GREGORY TERRACE

HILL

CREW ONLY

EXHIBITION STREET

3

SUSHI HUB DOG PAVILION

5 SHEEP SHEARING & SUSHI HUB CAT PRECINCT

ALEXANDRIA LANE

KIDS CARNIVAL

6 ANIMAL NURSERY

JOHN REID RETAIL PAVILION

EKKA EMPORIUM

KIDS CARNIVAL

2

TO FORTITUDE VALLEY STATION

KING STREET

MACHINERY STREET
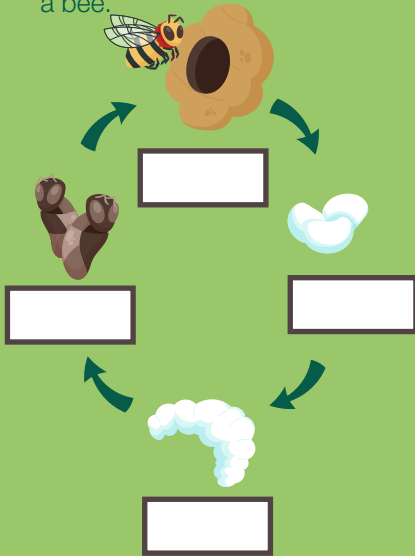
ST PAULS TERRACE

4

1 *Bees*

Visit the bees and sample their honey!

LIFECYCLE OF A BEE

Label each life stage of a bee.

ADAPTATION: COMPOUND EYES

Where can bees see all at once?

A. In front & behind

B. Above & below

C. Left & right side

D. All of the Above

Answer: ☐

What do bees need to see to survive?

1. _____
2. _____

Trail Stamp 1

2 *Little Backyard Farmers*

Presented by Somerville House

Experience life on the farm!

HOW DO SEEDS TRAVEL?

Unscramble the words.

nwdi	ewrat	nilasma	hmsuna

FRUIT OR VEGETABLE?

Tick the right box.

☐ *Fruit*
☐ *Vegetable*

☐ *Fruit*
☐ *Vegetable*

☐ *Fruit*
☐ *Vegetable*

☐ *Fruit*
☐ *Vegetable*

☐ *Fruit*
☐ *Vegetable*

☐ *Fruit*
☐ *Vegetable*

☐ *Fruit*
☐ *Vegetable*

☐ *Fruit*
☐ *Vegetable*

Trail Stamp 2

3 Agtech Alley

Discover technology that's being used on farms!

Binary code is a special language that uses only 0s and 1s. It helps computers receive information and perform different tasks.

Help the drone find the crop to spray fertiliser.
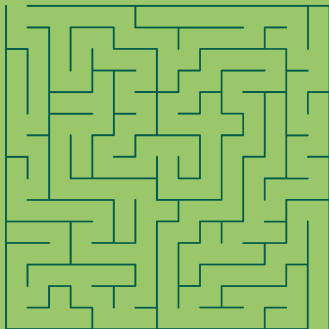
You are a robot agent! Decript this message:

01000100 = _____

01010010 = _____

01001111 = _____

01001110 = _____

01000101 = _____

What's the first letter of your name in binary code?

Trail Stamp 3

4 Cotton

Learn the process of cotton from 'Field to Fashion'!

FIELD TO FASHION

Draw lines to make the correct order

Planting seeds

Harvesting

Weaving

Dying

Final garment

Ekka's Natural Fibres Fahsion Parades

Trail Stamp 4

5 *Sheep Shearing*

Find out about sheep and the uses of wool!

WHAT'S MY NAME?

Dad Sheep   Mum Sheep   Baby Sheep   Group of Sheep

_____ _____ _____ _____

SHEEP PRODUCTS AND USES

Write the sheep product under the correct image below.

Wool, Lanolin (grease), Sheepskin (leather), Dairy.

_ _

Recyclable

Renewable

Biodegradable

Why wool?

Trail Stamp 5

6 Animal Nursery

Learn about different types of animals and how they came to be.

BREEDING

Dingo

+

Collies

=

Australian Cattle Dog

Sheep

+

Goat

=

Geep

Make your own animal combination!

○ + ○ = ○

Are rabbits introduced or native to Australia?

Trail Stamp 2

7 Horsing Around Show

Presented by Queensland Off-the-Track

Discover more about horses and their domestication!

Identify the features of the horse you see.

Snip Star Stripe Blaze Bald face

Coronet Pastern Sock Half-stocking Stocking

DOMESTICATION

Taming an animal and keeping it as a pet or on a farm.

Howdy neeeeighbour!

What is another name for a domesticated horse?

Trail Stamp 7

8 *Norco: Grass to Glass*

Learn the process of dairy production from grass to glass!

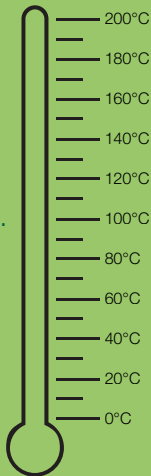How many stomachs do cows have?
Circle the correct answer.

1
2
3
4

Milk is heated during the process of pasteurisation.

Colour up to what temperature pasteurisation begins at...

200°C
180°C
160°C
140°C
120°C
100°C
80°C
60°C
40°C
20°C
0°C

Did you know one serve of dairy is equivalent to:

2 slices of cheese (40g)

3/4 cup of yoghurt (200mL)

1 Cup of Milk (250mL)

Trail Stamp 8

How many millilitres of milk do you need in a day?

Bonus Trail Points!

EXPLORE VR IN THE AG EDUCATION HALL

VR (Virtual Reality): A completely simulated 3D environment created with computer technology.

Find an experience at:

- ❏ *AgForce*
- ❏ *Canegrowers*
- ❏ *Cotton Australia*
- ❏ *Meat & Livestock Australia*
- ❏ *Queensland Government*

Ekka
EDUCATION

Find out more!

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