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Please send all of the assessment work to Dairy Australia’s
Program manager:
John Hutchison and Deanne Kennedy
Jaydee Events Pty Ltd
P0 Box 18, Loch VIC 3945

For any queries related to the
Picasso Cows program contact:
Deanne Kennedy: 0419 878 055
John Hutchison: 0412 368 739
Email: admin @jaydee.net.au

Legendairy

Picasso Cows
**INTRODUCTION**

**Australian dairy – Legendairy**

The Australian dairy industry has a Legendairy story to tell.

It's a story that begins on our farms with the creation of a truly remarkable product and continues all the way into our homes, nourishing millions of people every day in Australia and all around the world.

Dairy Australia is the industry-owned national services body for the Australian dairy industry. The organisation invests in essential research, development, extension and industry services across the dairy supply chain to attain the best outcomes for farmers, the dairy industry and the broader community.

Enjoying the recommended amounts of dairy foods every day, including milk, cheese and yogurt, provides most children with the calcium they need to help develop healthy bones and support their growing bodies.

Most children are underconsuming dairy foods against the recommendations set out in the Australian Dietary Guidelines. This has the potential to impact on their intake of essential nutrients needed for growth and development.

**Picasso Cows program**

Dairy Australia’s Picasso Cows program is a free curriculum based program, assisting primary school teachers in telling the Australian dairy industry story. It incorporates a focus on children developing nutrition and food origin knowledge, helping them to establish healthy eating habits for life.

The program makes the learning process engaging by creatively bringing the dairy industry to life for everyone involved.

The program is highly interactive and motivational, catering for many learning styles. It encourages the development of ideas and creativity through cooperation and teamwork.

The Picasso Cows program has been written in accordance with the Australian Curriculum and is supported by a selection of resources for teachers. These resources contain extensive curriculum links and have been designed to complement teacher programming.

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What is the Picasso Cows program?

Each participating school works on a blank, life-size fibre glass cow. The learning focus will be on one of the following dairy-related themes:

- **Unbeatable Bones**
- **Fuel for Life**
- **Farm to Plate**

An information module coincides with each of the above themes and can be found on the Discover Dairy website: [www.dairy.edu.au/discoverdairy](http://www.dairy.edu.au/discoverdairy)

In addition to working on the cow, students create a school journal documenting the learning journey from start to finish.

On program completion, 10 students, teachers and parents from each participating school in the region or metropolitan area attend a presentation day.

A Legendairy prize of $250 is awarded to the school with the highest aggregate score for the cow and school learning journal.

Each participating school keeps their cow and school learning journal at the end of the program.

To generate media around the program, teachers are provided with a media toolkit. The toolkit will assist schools to promote themselves as well as key messages about dairy foods and the Australian dairy industry to the wider community.
Program steps

1. Starting the program

Before the program starts, teacher representatives from each school are required to complete an online teacher entry survey. Teachers then attend a briefing session on a designated date, time and location with Dairy Australia’s Program Manager.

At the briefing session teachers will:
• Go through key program information and ask any questions
• Discuss the dairy-related themes
• Collect a school resource kit which contains supporting materials.

A school representative will collect the blank, life-size cow on this day. Details of pick up location will be provided prior to briefing session.

2. Dairy-related themes

Each dairy-related theme connects to one of three modules on the Discover Dairy website www.dairy.edu.au/discoverdairy. Students must select one theme below and answer the questions relating to the theme.

Unbeatable Bones
• How can you build strong, healthy bones?
• Why is it important to consume dairy every day?

Fuel for Life
• Why is it important to consume a healthy, balanced diet?
• What do the 10 essential nutrients found in dairy foods do for the body?

Farm to Plate
• What jobs does a dairy farmer do in a typical day on the farm?
• What do dairy farmers do to protect the environment and care for their animals?
• What technology is used in the journey between the farm and the plate?

3. In the classroom

• Students complete an online student entry survey
• Students name the cow
• Students undertake the program assessment tasks (details later in this curriculum guide)
• Students and teachers complete an online exit survey
• Assessment tasks submitted to Dairy Australia’s Program Manager.

4. Judging

• Participating schools from the region or metropolitan area meet to showcase their cow and school learning journal on a designated date, time and location
• Students and teachers participate in dairy-related activities
• Students present a wrap up of program learnings (details later in this curriculum guide)
• School with highest aggregate score announced and awarded a Legendairy prize of $250
• Refreshments offered (students to bring own lunch)
• Participants return to school with their completed cow and school learning journal. These serve as valuable learning tools and spotlight student/teacher participation in the Picasso Cows program.

10 students plus teachers and parents from each participating school in a region or metropolitan area attend the presentation day.
Schools will complete two assessment tasks as part of the Picasso Cows program.

1. Design and decorate the cow
2. Create a school learning journal

**Note: To gain a greater insight into the Australian Dairy industry, it’s recommended that students research their dairy-related theme and question/s using the Discover Dairy website.**

**Assessment Task One**
**Designing and decorating the cow**

**Step 1. Investigating and designing artwork for the cow**
Discuss and learn about the chosen dairy-related theme:
- List goals, key ideas and messages
- Produce sketches and text at initial design level
- Refine artwork and text
- Produce rough drafts on large templates (see back of this curriculum guide)
- Discuss each new draft as a class
- Finalise the class accepted design.

**Step 2. Producing**
After successfully working through the investigation and design process, students communicate their learning by applying their design to the blank cow.

Class members should:
- Share roles
- Ensure that the final artwork shows evidence of student understanding
- Use photographs to demonstrate student involvement, immersion, teamwork and to record the stages from initial sketch to finished product for the school learning journal.

Be aware that the final product should be an expression of student creativity, communicating class awareness and a strong dairy message.
Step 3. Analysing and evaluating

Throughout the design process, many changes will occur that move away from the original ideas. Discussions and events can be recorded by students in the form of a reflective essay or report for the school learning journal.

Assessment Task Two
Creating the school learning journal

The school learning journal serves as a record of student learning whilst undertaking the Picasso Cows program.

Students keep a record of the journey from the program’s start to finish.

Contributions should reflect high levels of student engagement, teamwork and sharing of ideas and roles.

Key elements of the journal are:
Step 1. Photographs
Photos taken as part of the Picasso Cows program should demonstrate:
- Significant events as part of the program
- Students’ working cooperatively
- Design development through to completion of work on the cow
- Fun in learning.

Step 2. Student learnings
The school learning journal should include:
- A report on dairy-related theme learnings and the way in which ideas shaped the cow design
- How Discover Dairy website content was used throughout the program
- Reflections on any aspect of student interaction in the completion of the program’s assessment tasks
- The thinking behind the alterations to the original ideas and reasons for the changes
- Key facts about student learning regarding:
  - The importance of dairy foods as part of a healthy, balanced diet
  - The importance of the Australian dairy industry.

(Student learnings that take place will depend on the chosen theme.)

Step 3. Reflection
To summarise milestones and reflect on highlights in the learning journey, the school journal should finish with an innovative overview, which could be in the form of a rap, dance, poem, song, interview, speech.

Student learnings to be evident in photographs or multimedia applications.

The school learning journal can be submitted in either multimedia format or hard copy. All schools will receive a USB to save their photographs and where relevant, their learning journal.
To enhance the student learning experience, schools are encouraged to involve the broader community in the program including families as well as the dairy industry. Below are examples of how this can be done for both metro and regional schools. These ideas are a great way to include a wider student audience in the program, especially if they can’t all paint the cow!

**Family and community activities**

- Have a dairy themed dress up day at school
- Hold a milkshake making day
- Hold a formal assembly unveiling the Picasso Cow for parents, teachers and students
- Get students to undertake an audit of the dairy foods in their lunchbox or fridge at home
- Develop dairy recipes in class with students and get them to make them at home
- Invite a guest speaker to the school to talk about the health benefits of dairy foods such as a dentist, dietitian or GP (sometimes these might be parents at the school).

**Farmer and industry activities***

- Visit a dairy farm or manufacturer
- Have a dairy farmer visit the school
- Invite a dairy producer to the school and possibly do a demonstration or taste test
- Interview someone from the dairy industry over the phone or email.

* Where possible, Dairy Australia’s Program Manager can help you connect with a dairy industry representative on request.
CURRICULUM CONNECTIONS

The Picasso Cows program is a model of integrated curriculum that meets and supports the core components and the development processes relating to the Australian Curriculum.

The Arts
Making
Responding

The Humanities
History
Geography
Civics and Citizenship
Economics and Business

Mathematics
Number and Algebra
Measurement and Geometry
Statistics and Probability

English
Language
Literature
Literacy

Science
Science Understanding
Science as Human Endeavour
Science Inquiry Skills

ICT
ICT for visual thinking
ICT for creating
ICT for communicating

Gardener’s Multiple Intelligences
Linguistic (Spoken/Written Language)
Spatial (design)
Mathematical (analysing data)
Kinaesthetic (going outside)
Naturalist (environmental)

Blacks Taxonomy
Knowledge (facts)
Comprehension (understanding)
Application (use)
Analysis (explain)
Synthesis (combine)
Evaluate (justify)

De Bono’s Six Thinking Hats
A powerful technique used to look at decisions from a number of important perspectives.

White hat - Facts
Red hat - Emotions, intuition
Green hat - New ideas, creativity
Black hat - Negatives, reasons it won't work
Blue hat - Managing mechanism
Yellow hat - Positives

Assessment/Evaluation
School learning journal
Student essays/reports /wrap up
Photos
Completed Picasso Cow

Resources
Picasso Cows Curriculum Guide
Discover Dairy website
Internet
Media toolkit
Resource packs
Dairy farmers and manufacturers

Classroom Processes
Integrated learning
Flexible learning
eLearning
Inquiry
Collaborative learning

Socio-emotional
Teamwork
Decision-making
Final assessment

Once both assessment tasks have been completed, schools must submit the following to Dairy Australia’s Program Manager on the USB provided:

- All digital photographs taken as part of the Picasso Cows program – these must include photographs of the completed cow
- The school learning journal if it is any multimedia format, such as PowerPoint, Movie Maker or Photo Story.

Note: if the school learning journal has been created in hard copy format, it must be sent in addition to the USB above.

Reminder: Dairy Australia’s Program Manager will distribute teacher and student entry and exit surveys electronically to participating schools for completion at relevant times.

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Websites

For teacher resources linked to the Picasso Cows program visit Dairy Australia’s education website Discover Dairy:
www.dairy.edu.au/discoverdairy

Check these out too!

Dairy Australia
www.dairyaustralia.com.au
www.legendairy.com.au

Healthy Bones Action Week
www.healthybones.com.au

Australian Dietary Guidelines
www.eatforhealth.gov.au

Food Standards Australia New Zealand
www.foodstandards.gov.au

Nutrition Australia
www.nutritionaustralia.org
Dairy Australia’s Program Manager will distribute teacher and student entry and exit surveys electronically to participating schools for completion at relevant times.

NOTE: The rubric below indicates how each school’s program work will be assessed. This should be used to help schools balance their time and shape their work.

### Assessment Task One: Designing and decorating the cow

<table>
<thead>
<tr>
<th>Assessment Task One: Designing and decorating the cow</th>
<th>Maximum</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Visual and aesthetic appeal</td>
<td>20%</td>
<td></td>
</tr>
<tr>
<td>Evidence of the dairy-related theme visible and corresponding learning from the design</td>
<td>20%</td>
<td></td>
</tr>
</tbody>
</table>

### Assessment Task Two: Creating the school learning journal

<table>
<thead>
<tr>
<th>Assessment Task Two: Creating the school learning journal</th>
<th>Maximum</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Learning journey told through photography, multimedia and reflections</td>
<td>10%</td>
<td></td>
</tr>
<tr>
<td>Evidence of dairy-related theme in student learnings</td>
<td>10%</td>
<td></td>
</tr>
<tr>
<td>Evidence of teamwork</td>
<td>10%</td>
<td></td>
</tr>
<tr>
<td>Use of content and supporting resources on the Discover Dairy website by participating students</td>
<td>10%</td>
<td></td>
</tr>
<tr>
<td>Submission of teacher and student entry and exit surveys</td>
<td>20%</td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL SCORE**

100%
PLANNING TEMPLATES

Use the A4 templates for the ‘whole-cow’ planning, and the 12 page cow template, photocopied to A3 at 150%, for designing, drawing, drafting and discussion.
Copy from A4 to A3 by magnifying to 150%. Join the pieces to make a large cow template for students to design, draw, draft and discuss.
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Use the A4 templates for 'whole-cow' planning.
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Dairy Australia is the industry-owned national service body, investing in essential research, development, extension and industry services across the dairy supply chain to attain the best outcomes for farmers, the dairy industry and the broader community. This investment helps support and build a sustainable and internationally competitive industry.

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Dairy Australia Limited
Level 5, IBM Centre
60 City Rd
Southbank, Victoria 3006
Australia
ACN 105 228 987
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