



[Link to Curriculum Framework](#)

YEAR 4

Note to the Teacher

The following 6 areas will be addressed throughout the Brownes Dairy School Tours for Year 4 students:

1. Farm to Food process

Topics for discussion will include;

- Live milking cow demonstration.
- The dairy supply chain – what's involved with getting milk from cows to their fridge at home.
- Distribution to Asia – how fresh Western Australian milk is highly valued in countries like China

2. Dairy Health Benefits

Topics for discussion will include;

- Dairy is essential part of a balanced diet.
- Dairy produces strong bones, teeth, helps you grow tall...

3. Science of Dairy

Topics for discussion will include;

- Homogenization
- Pasteurisation
- Live cultures

4. Food safety

Topics for discussion will include;

- Hand washing
- Safety clothes
- Why we refrigerate dairy products
- Quality standards at the dairy

5. Animal Welfare / Environment / Sustainability

Topics for discussion will include;

- How happy, healthy cows give us more and better quality milk
- How animals are vaccinated and cared for
- Sustainable business practices of a Dairy Farmer and Brownes Dairy
- Recycling packaging

6. Food miles

Topics for discussion will include;

- Why WA grown and made is best
- Impact of transporting food across Australia

Links to the Western Australian Curriculum

Brownes Dairy School Tours complement learning outcomes of the Year 4 Western Australian Curriculum (Scope and Sequence).

Learning Area: English

Expressing and developing ideas

- Visual language
Explore the effect of choices when framing an image, placement of elements in the image, and salience on composition of still and moving images in a range of types of texts.
- Vocabulary
Incorporate new vocabulary from a range of sources into students' own texts including vocabulary encountered in research.

Interacting with others

- Listening and speaking interactions
Interpret ideas and information in spoken texts and listen for key points in order to carry out task and use information to share and extend ideas and information.
Use interactions skills such as acknowledging another's point of view and linking students' response to the topic, using familiar and new vocabulary and a range of vocal effects such as tone, pace, pitch, and volume to speak clearly and coherently.

Learning Area: Humanities and Social Sciences

Knowledge and understanding

- Geography
The importance of environments to animals and people, and different views on how they can be protected.
The natural resources provided by the environment and different views on how they can be used sustainably.

Humanities and Social Sciences Skills

- Questioning and researching
Identify current understanding of a topic.
Record selected information and/or data.

- Evaluating
Draw conclusions and give explanations, based on the information and/or data displayed in texts, tables, graphs, and maps.
- Communicating and reflecting
Reflect on learning, identify next understandings and act on findings in different ways.

Learning Area: Science

Science Understanding

- Biological Sciences
Living things have life cycles.
Living things depend on each other and the environment to survive.
- Chemical Sciences
Natural and processed materials have a range of physical properties that can influence their use.

Science as a human endeavour

- Nature and development of science
Science involves making predictions and describing patterns and relationships.
- Use and influence of science
Science knowledge helps people to understand the effects of their actions.

Science inquiry skills

- Communicating
Represent and communicate observations, ideas and findings using formal and informal representations.