



**Link to the Western Australian
Curriculum**

YEAR 5

Note to the Teacher

The following 6 areas will be addressed throughout the Brownes Dairy School Tours for Year 5 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 5 Western Australian Curriculum (Scope and Sequence).

Learning Area: English

Expressing and developing ideas

- Visual language Explain sequences of images in print texts and compare these to the ways hyperlinked digital texts are organised, explaining their effect on viewers' interpretations.
- Vocabulary Understand the use of vocabulary to express greater precision of meaning, and know that words can have different meanings in different contexts.

Interacting with others

- Listening and speaking interactions Clarify understanding of content as it unfolds in formal and informal situations, connecting ideas to students' own experiences and present and justify a point of view. Use interaction skills, for example paraphrasing, questioning and interpreting non-verbal cues and choose vocabulary and vocal effects appropriate for different audiences and purposes.

Learning Area: Humanities and Social Sciences

Knowledge and understanding

- Geography The way people alter the environmental characteristics of Australian places. Features of environments (e.g. climate, landforms, vegetation) influence human activities and the built features of places.

Humanities and Social Sciences Skills

- Questioning and researching Identify current understandings, consider possible misconceptions and identify personal views on a topic. Locate and collect information and/or data from a range of appropriate primary sources and secondary sources. Record selected information and/or data

- Evaluating
- Communicating and reflecting

using a variety of methods.

Draw and justify conclusions, and give explanations, based on the information and/or data in texts, tables, graphs and maps.

Reflect on learning, identify new understandings and act on findings in different ways.

Learning Area: Science

Science Understanding

- Biological Sciences
- Chemical Sciences

Living things have structural features and adaptations that help them to survive in their environment.

Solids, liquids and gases have different observable properties and behave in different ways.

Science as a human endeavour

- Nature and development of science
- Use and influence of science

Science involves testing predictions by gathering data and using evidence to develop explanations of events and phenomena and reflects historical and cultural contributions

Scientific knowledge is used to solve problems and inform personal and community decisions.

Science inquiry skills

- Communicating

Communicate ideas, explanations and processes using scientific representations in a variety of ways, including multi-modal texts.