



[Link to Western Australian Curriculum](#)

YEAR 3

Note to the Teacher

The following 6 areas will be addressed throughout the Brownes Dairy School Tours for Year 3 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 3 Western Australian Curriculum (Scope and Sequence).

English

- Visual Language Identify the effect on audiences of techniques, for example shot size, vertical camera angle and layout in picture books, advertisements and film segments
- Vocabulary Learn extended and technical vocabulary and ways of expressing opinion including modal verbs and adverbs.

Interacting with others

- Listening and speaking Listen to and contribute to conversations and discussions to share information and ideas and negotiate in collaborative situations. Use interaction skills, including active listening behaviours and communicate in a clear, coherent manner using a variety of everyday and learned vocabulary and appropriate tone, pace, pitch and volume.

Learning Area: Humanities and Social Sciences

Knowledge and understanding

- Civics and citizenship Why people participate in community groups, such as a school or community project, and how students can actively participate and contribute to their local community.

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 can be grouped on the basis of observable features and can be distinguished from non-living things.
- Chemical Sciences A change of state between solid and liquid can be caused by adding or removing heat.

Science as a human endeavor

- 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.