



**Link to the Western Australian  
Curriculum**

**YEAR 6**

## **Note to the Teacher**

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

### Learning Area: English

#### *Expressing and developing ideas*

- Visual language  
Identify and explain how analytical images like figures, tables, diagrams, maps and graphs contribute to our understanding of verbal information in factual and persuasive texts.
- Vocabulary  
Investigate how vocabulary choices, including evaluative language can express shades of meaning, feeling and opinion.

#### *Interacting with others*

- Listening and speaking interactions  
Participate in and contribute to discussions, clarifying and interrogating ideas, developing and supporting arguments, sharing and evaluating information, experiences and opinions.  
Use interaction skills, varying conventions of spoken interactions such as voice volume, tone, pitch and pace, according to group size, formality of interaction and needs and expertise of the audience.

### Learning Area: Humanities and Social Sciences

#### *Knowledge and understanding*

- Geography  
Australia's connections with countries and how these connections change people and 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 using a variety of methods.
- Evaluating  
Draw and justify conclusions, and give explanations, based on the information

- Communicating and reflecting

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

The growth and survival of living things are affected by physical conditions of their environment.

Changes to materials can be reversible or irreversible.

### *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.