



# Dairy Farming

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Students will have opportunities to:

- Learn about the workings of a dairy farm - yesterday and today
- Discover how a cow produces milk and the tools involved
- Gain an awareness of where food comes from

## How Do We Connect?

The Dairy Education Program can be adapted for most grade levels to enhance your programming in the classroom. The following outlines some of the many specific curriculum connections that can be realized by inviting a dairy educator into your classroom. (Please note that other connections are also possible.)

### Kindergarten

Various connections to meet outcomes in the strands of *Belonging and Contributing, Self-Regulation and Well-Being, Demonstrating Literacy and Mathematics Behaviours and Problem Solving and Innovating.*

### Grade 1

Social Studies: People and Environments: The Local Community

Heritage and Identity: Our Changing Roles and Responsibilities

Science: Understanding Life Systems-Characteristics of Living Things

Understanding Earth and Space Systems-Daily and Seasonal Changes

Understanding Structures and Mechanisms

### Grade 2

Social Studies: People and Environments: Global Communities

Science: Understanding Life Systems - Growth and Changes in Animals

### Grade 3

Social Studies: Heritage and Identity: Communities in Canada 1780-1850

People and Environments: Living and Working in Ontario

Science: Understanding Life Systems-Growth and Changes in Plants

### Grade 4

Social Studies: Heritage and Identity: Early Societies

Science: Understanding Life Systems: Habitats and Communities

### Grade 5

Social Studies: Heritage and Identity: First Nations and Europeans in Early Canada

Science: Understanding Earth and Space Systems-Conservation of Energy and Resources

### **Grade 6**

Social Studies: Heritage and Identity: Communities in Canada, Past and Present  
Science: Understanding Matter and Energy-Electricity

### **Grade 7**

Geography: Physical Patterns in a Changing World  
History: New France and British North America  
Science: Understanding Life Systems-Interactions in the Environment

### **Grade 8**

Geography: Global Settlement: Patterns and Sustainability  
History: Canada-A Changing Society

### **Grade 9**

Science: Biology – Ecosystems  
Geography: Interactions in the Physical Environment  
    Managing Canada's Resources and Industries  
    Changing Populations  
    Liveable Communities  
Business Fundamentals: Economics (supply and demand)

### **Grade 10**

Green Industry Fundamentals: Basic biology (cattle), Factors affecting growth (crops)  
Business Fundamentals: Economics (supply and demand), business ethics and social responsibility, international business

### **Grade 11**

Cooperative Education – SHSM in Agriculture Science

### **Grade 12**

Business: Accounting for a small business  
Canada and World Studies: Economics – supply and demand, growth and sustainability  
Science: Biology, Chemistry  
Humanities: Food and Nutrition – Local and Global Issues – food production and the environment