

Rosie's Mission Overview

WHERE DOES MILK COME FROM AND WHERE DOES IT GO AFTER IT LEAVES THE FARM?

ESSENTIAL QUESTION

Where does New Zealand get all its dairy products from?

WHAT ARE WE LEARNING?

- How different consumers use their milk and dairy products
- That milk from a dairy farm has multiple uses
- Dairy cows provide the country with products that sustain and give enjoyment
- Ultimately, without farms and farmers, familiar products such as milk, cheese and ice cream wouldn't exist

TRY THIS WITH

- Years 3-6
- Students who enjoy learning in a real life context
- Students who love the world of spies

FIND

- | | |
|----------|---------|
| Find | Recall |
| Identify | Compare |
| Locate | Explain |

The entire mission takes place at www.rosiesmission.co.nz. View the site to familiarise yourself with the process.

Students learn about the milking process on a dairy farm, where different products are made, who buys them and what they are used for.

Ultimately students will connect

- A farmer with consumers of dairy products
- A consumer with a farmer whose cows provide milk for dairy products

Students will be amazed by the technology used in milking and the volume of milk that dairy cows produce.

Investigating the journey of milk from the farm to the end product and consumer will allow students to learn about food in a context relevant to them.



APPLY

- | | |
|----------|----------|
| Analyse | Show |
| Identify | Question |
| Use | Research |

After students have the source and the production location they need to find consumers to interview.

They will find out which dairy products the consumer buys, where they buy them from and how they use them.

This is to show the huge variety of products that are made with milk.



PRODUCE

- | | |
|----------|-----------|
| Measure | Compile |
| Validate | Discover |
| Design | Formulate |

Finally, students need to complete and submit their report which can also be used as a portfolio and e-portfolio entry.

Ultimately students are connecting the dairy farmer to the consumer and the consumer to the dairy farmer.

Rosie's 'Special Agents' will then send their report to Mission HQ as well as to the dairy farmer and consumers they interviewed.

All communication is via Rosie at mission HQ



SUCCESS CRITERIA

Students can check they have completed the task successfully by:

- Finding and interviewing a dairy farmer
- Talking about the milking process in their own words
- Calculating the distance between the farm and the factory
- Finding and interviewing a family member and another consumer
- Making predictions about a product based on its name
- Collating the relevant information for the Final Mission Report

| PRINCIPLES | VALUES | KEY COMPETENCIES | LEARNING AREAS | WORD BANK | RESOURCES REQUIRED |
|-----------------------------------|-------------------------|---|---|--|---|
| Coherence Community engagement | Excellence Integrity | Managing self Using language, symbols and text Participating and contributing | English Social Science Mathematics and Statistics | Consumer Supply chain Production Connection Purchase | Confidential restricted Access Files |