

# New Zealand Geography

## DAIRYING REGIONS IN NEW ZEALAND

### ESSENTIAL QUESTION

## Where are the dairy farming communities in New Zealand?

#### WHAT ARE WE LEARNING?

- How the location of dairying in New Zealand has changed
- Dairy is a significant and growing enterprise in New Zealand
- How land use has changed in New Zealand

#### TRY THIS WITH

- Year 6-8
- Students who have an interest in learning about different communities
- Students who love statistics and maps

### FIND

Record  
When  
Infer

Where  
Illustrate  
Show

Discuss what the students know about dairy farming and the dairy industry. Introduce the concept of land use, changes in land use and reasons for this. Ask the students what the predominant types of land use are in New Zealand - what are the main types? Why is dairy farming a main land use in New Zealand? Identify the main dairy farming regions using statistics from 'Livestock Improvement', 'Dairy New Zealand statistics' and the Dairy Regions Factsheet. Locate these regions on a Google Map of New Zealand. Predict whether these regions have changed over the last ten years, and why/why not?



### APPLY

Associate  
Correlation  
Inspect

Interpret  
Differences  
Select

Use Youtube to view one of the three 'These New Zealanders stories'. In small groups students discuss what they saw. What was different from the video and today? Provide prompts such as the currency used, the descriptions of the regions, the roads in the regions, the different sports and hobbies that people had, even the pronunciation of the different Māori words. Report back to the class about the region viewed. Produce a Prezi that demonstrates the learning.



### PRODUCE

Compose  
Discuss  
Prove

Original  
Conclude  
Justify

Complete identification of the main dairying regions 10 years ago, and locate these on a map of New Zealand. Compare and contrast the two maps. Use the History pin Factsheets to demonstrate the changes in the region between now and the 1950s. Research and record key ideas about why any changes they have noticed may have taken place. Identify and discuss which of these changes are environmental and which are man made. Think about any adaptations of the land that may have had to happen because of a change in land use and to make it suitable for dairying.

## SUCCESS CRITERIA

Students can check they have completed the task successfully by:

- Accurately locating the dairying regions
- Correctly identifying the main dairying regions from ten years ago
- Comparing the two maps, identifying at least two reasons for any change

| PRINCIPLES  | VALUES  | KEY COMPETENCIES                              | LEARNING AREAS   | WORD BANK  | RESOURCES REQUIRED  |
|---|---|---|--|--|---|
| Future focus<br>Community engagement<br>Inclusion | Innovation, inquiry and curiosity<br>Integrity<br>Ecological sustainability | Thinking<br>Using language, symbols and texts | Social Sciences<br>Science<br>Mathematics and Statistics | Concentrated<br>Adaption<br>Location<br>Enterprise | www.dairynz.co.nz<br>www.lic.co.nz<br>How Many Cows Factsheet |