

Learning about Infographics

REPRESENTING INFORMATION ABOUT NEW ZEALAND'S DAIRY INDUSTRY USING INFOGRAPHICS

ESSENTIAL QUESTION

How do infographics explain numerical statements?

WHAT ARE WE LEARNING?

- Information can be presented graphically
- To interpret information to make simple numerical statements
- To find key information on an infographic

TRY THIS WITH

- Years 6-9
- Students who have an interest in design
- Students who love finding the maths in what they are learning

FIND

- Interpret
- Recognise
- Summarise
- List
- Locate
- Compare

Display a selection of infographics from Visual.ly and Pinterest. List attributes common to the most appealing ones.

Explain that infographics are a way of displaying lots of information succinctly.

Find key pieces of information from the [NZ Dairy: Global Business](#) and [From Farm to Shelf](#) infographics.

Identify the numerical statements and different ways they are represented.

Introduce the concept of interpreting information to making simple numerical statements.

Use [The Big Picture](#) to make simple numerical statements. Add a numerical statement about the percentage of the world's population fed by New Zealand's dairy products. What extra information do they need?



APPLY

- Research
- Practice
- Calculate
- Categorise
- Select
- Appraise

Choose a new selection of infographics on Pinterest and Visual.ly.

Identify the average number of words used in the most appealing infographics. Are there any that use large chunks of text? How do the infographics show information without using lots of words?

Explore different ways of representing information.

Choose the best way to represent the percentage of the world's population that are fed by New Zealand's dairy products.

Read the sample information on the [Student Activity Guide](#) and find the numerical statements.



PRODUCE

- Convert
- Debate
- Create
- Combine
- Experiment
- Select

Use the numerical statements identified from the sample information to create a mini infographic. Use a free trial of Visual.ly or other infographic platform, or simply make one using Word, Pages, Google Docs or similar.

Select images to represent each statement from the [image file](#) at the International Cow of Mystery mission headquarters. Is any supporting text needed?

Save the infographic in the Google Doc and invite another group to assess it.

Ask the group to try and identify the key information represented in the infographic.

Make changes to the infographic where the information was not represented accurately.



SUCCESS CRITERIA

Students can check they have successfully completed the task by:

- Accurately representing their information with graphics
- Identifying key information from infographics
- Making numerical statements that reflect the information used

PRINCIPLES	VALUES	KEY COMPETENCIES	LEARNING AREAS	WORD BANK	RESOURCES REQUIRED
Coherence High expectations	Excellence Innovation, inquiry and curiosity Community and participation	Thinking Using language, symbols and texts Participating and contributing	Mathematics and Statistics English	Graphic representation Numerical Vector Aesthetic	NZ Dairy: Global Business Factsheet From Farm to Shelf Factsheet The Big Picture Image file