



Student activity guide

How do infographics explain numerical statements?

Activity

Tools

1

This step focuses on learning about how information is represented using infographics. Your group is going to create their own infographic using the information from your international interview.

Before you do this you need to be able to:

- Interpret an infographic to find key information
- Understand the different ways to represent information using graphics
- Use information to make numerical statements
- Turn information into key facts

2

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

Make sure everyone in the group can see the screen.

Identify the average number of words used in the infographics. Can you see any that use large chunks of text? How do infographics show information without using lots of words?

Make a Bubble Map using pictures. Create a Google Doc for each type of information (e.g. word facts, locations, whole number facts or percentages.) Take screenshots of examples for each type and save them on the relevant document.

For example, can you find different ways of representing numerical statements containing a percentage?

Use the examples you found to decide the best way to represent the percentage of the world's population that are fed by New Zealand's dairy products.

3

Read this sample of information.

New Zealand dairy companies process a lot of milk each year. From June 2011 to June 2012 they processed 19.1 billion litres of milk. This is a lot of milk, which means there must be lots of cows in our country. Last year the average herd size on a dairy farm in New Zealand was 323. In 2012 there were 4.6 million cows on 1.6 million hectares of dairy farming land. There are a lot of dairy farms in both the North Island and the South Island. Over 34% of New Zealand's dairy farms are located in the Waikato.

Identify the number facts and use them to make numerical statements.

4

Use the numerical statements you identified to create a mini infographic.

Your teacher will tell you where to make this. It might be using a free infographic maker such as Piktogram, a Word Doc or something similar.

Select images from the image file and use them to graphically represent each of your numerical statements. Use your picture Bubble Maps to help choose the best way to represent each one.

Decide if there is any supporting text needed.

Take screenshots at various points as a record of your progress. Save these in Evernote.

5

Save your mini infographic in your Google Doc.

Invite another group to assess it.

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

Listen carefully to the other group's feedback and make changes to your infographic where they thought the information was not represented accurately.



SUCCESS CRITERIA

You can check you have completed the task successfully by:

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