DairyNZ

Use examples in the NZ dairy industry to help explain Macroeconomics.

CONTEMPORARY ECONOMIC ISSUES IN THE NZ DAIRY INDUSTRY.

ESSENTIAL QUESTION
Can you translate a 'Crash Course'?

WHAT ARE WE LEARNING?
- Relate macroeconomics concepts to dairy industry examples.
- Identify key economic concepts and models in articles, reports and videos.
- Investigate contemporary NZ dairy issues from an economic viewpoint.

TRY THIS WITH
- Year 11
- Students who have an interest in social media.
- Students who love competition.

FIND

Watch	Extend
Label	Summarise
Identify	Outline

Choose a personal icon for each student from the Noun Project.

Turn a large wall into a bar graph.

Line the icons along the X axis.

Label the Y axis with numbers (to track the energy points).

Watch Macroeconomics: Crash Course Economics #5.

Identify the three economic goals.

Collect points to add to the class graph by watching instructional videos, tutorials and reading articles.

Start adding points by following the macroeconomics and supply and demand tutorials in Khan Academy.

Encourage students to go beyond what is provided and find their own informative videos.

Write five keywords and a link or reference for each.

Include relevant equations, e.g. $Y=I+C+G$.

APPLY

Investigate	Focus
Manipulate	Choose
Organise	Identify

Use The Treasury and Statistics NZ to investigate dairy's contribution to NZ's GDP.

Choose two supply and demand diagrams and two equations (such as $Y=I+C+G$).

Input real data into these equations.

Manipulate the data and analyse the consequences.

Discuss the future of the NZ economy using '100 Companies Visualisations'.

Set up a class roster with students responsible for collecting a relevant newspaper article each day.

Focus on a contemporary issue in NZ dairy.

Dedicate wall space to display the articles.

Encourage responses to the articles by using Post-it Notes.

Highlight key economic terms.

Investigate issues further using Twitter and news apps, e.g. NZ Herald and Stuff.

Set up a class Twitter account.

Contribute to economic discussions using hashtags.

PRODUCE

Translate	Importance
Interpret	Produce
Convince	Match

Translate macroeconomics videos into giant infographics in groups.

Choose videos to translate, e.g. Macroeconomics: Crash Course Economics #5.

Explain that the information needs to be based on contemporary NZ dairy industry figures and examples.

Choose an Easel.ly template to create an infographic.

Draw thumbnail sketches of plans and structures.

Allocate sections of the video to individuals, e.g. 2:04–4:00.

Note the keywords, questions, information and flow on effects.

Keep track of ideas on Spiderscribe.

Simplify information to infographic style.

Develop and refine the overall idea to tell a story.

Print out each infographic.

Watch the videos and match them to the infographics.

Make the infographics public with hashtags.

SUCCESS CRITERIA

Students can check they have completed the task successfully by:
- Explaining the difference between macroeconomics and microeconomics.
- Contributing to NZ dairy bulletin boards.
- Translating a video into a NZ dairy economic infographic.

PRINCIPLES	VALUES	KEY COMPETENCIES	LEARNING AREAS	WORD BANK	KEY CONCEPTS
Learning to learn	Excellence	Thinking	Economics	Economics	Aggregate economy
High expectations	Innovation, inquiry and curiosity	Using language, symbols and text	Mathematics	Macroeconomics	GDP
		Participating and contributing		Inflation	Economic indicators
				Investment	International trade