

Teaching Inquiry

Possible strategies to meet the focus;

Develop a success criteria with students facilitating more ownership and decision about why certain aspects are important to include in data analysis.

Use more frequent checkpoints with students to evaluate what stage they are at.

Start the surveys early in the year to give extra time for data collection.

Co-construct survey ideas to other assessments to allow a big picture project.

Focusing Inquiry

Provide model graphs pointing out important elements.

Get students to practice more formulas in Excel exercises.

Have students work in groups to unpack the creation of graphs and data analysis.

Teaching

Have your Say – Achievement Standard 91071

Use two or more software applications to analyse and process data
Students created their own survey to assess students' opinions about a school related issue

Learning

Students learn how to create a survey using Google Forms, how to use excel formulas to help analyse the collected data and make charts. Students also learn how to visually present their data into a written report. File formatting, file types, ethical and moral guidelines also covered.

Learning Inquiry

12 students completed the assessment

Those who either did not achieve or received an 'achieved grade missed important elements required in the assessment. For example they may have omitted using formulas in Excel to analyse their data. Some students also forgot to add chart elements like vertical and horizontal axis labels.

Although exemplars were given to students, along with specific marking criteria and a checklist some still failed to use them.

? out of the 12 students enjoyed being able to choose their own topic and the independence.



have your say



This assessment was adapted from NZQA resources and Tikipunga High School, Head of Digital Technologies Delilah Edmonds

Is there something I need to change?

What are the next steps for learning?