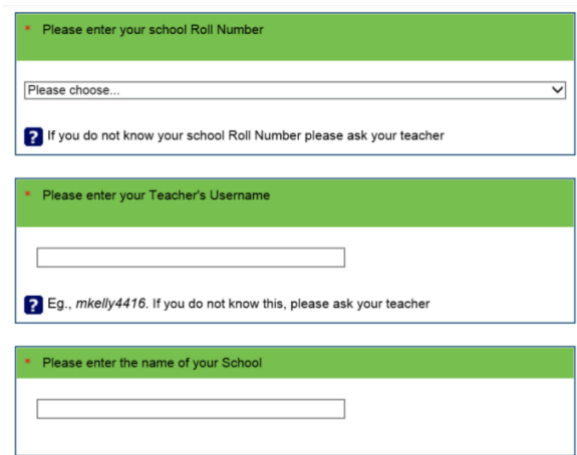


These notes are intended to give further information on how to complete the 2020 CensusAtSchool Survey. The survey comes in two versions – a printable PDF and an online form. It may be productive to ask students to fill out the printed version before the online version so that they can have any required measurements already recorded and give the questions some consideration

Please note that if you want to check the online questions before having the students complete the task, use the word “TESTING” in the “School Name” box and then this row of data can easily be identified in your returned data.

When entering your school’s roll number, there is a drop-down menu with all schools listed. Roll Numbers are grouped by county. If you cannot find your school, please instruct your students to use the last entry “Roll Number not listed”.

Your username will be used to retrieve the data entered by your students so it is important that everyone enters the same username in the same format, i.e. all lowercase with no spaces.



The screenshot shows three sections of the online form, each with a green header bar and a white input area. The first section is titled "Please enter your school Roll Number" and features a dropdown menu with "Please choose..." and a help icon with the text "If you do not know your school Roll Number please ask your teacher". The second section is titled "Please enter your Teacher's Username" and has a text input field with a help icon and the text "Eg., mkelly4416. If you do not know this, please ask your teacher". The third section is titled "Please enter the name of your School" and has a text input field.

When asking students to complete the survey, the following points should be noted:

- All the body measurements should be completed in advance as this will help speed up the data entry session, which should take about 25 minutes in total. See CensusAtSchool Guide to Taking Measurements (www.tinyurl.com/censusatschoolmeasurements). Consider how best to take measurements with Covid-19 restrictions.
- Students could compare Q. 1, 2, 4, 5 to that of the [CensusAtSchool New Zealand data](#) from Q. 1, 2, 3, 8, 9, 10, 11 using the [Explore Data Sample Tool](#)
- Remind students that they must complete all mandatory questions in order to move to the next section.

Data Types in the Questionnaire

Question No.	Type of Data	Notes
1.	Categorical Nominal	
2. a)	Numerical Discrete	
2. b)	Categorical Ordinal	The online drop-down menu has the options; 1 st year, 2 nd year.... 6 th year.
3.	Categorical Nominal	
4.	Categorical Nominal	
5.	Numerical Discrete*	The CensusAtSchool Guide to Taking Measurements contains information and diagrams on how measurements required for this question may be taken. Covid-19 precautions should be observed and teachers should consider how their students can best do this. *For the purpose of creating histograms, the data here (and in Q 11a) could also be treated as numerical continuous data.
6. a)	Categorical Nominal	
6. b)	Numerical Discrete	
7.	Categorical Ordinal	18 th of April 2021 is Census Day, so the correct answer is April. Students could be encouraged to visit the CSO website for more information.
8.	Categorical Nominal	
9.	Categorical Nominal	Data from the follow-on question could be considered Categorical Ordinal
10. a)	Categorical Nominal	Questions 10, 11, 14, 15 and 16 are related to the Covid-19 experience and the data collected might also be of interest to the wider school community. Teachers may need to be sensitive and discrete around some of these questions.
10. b)	Categorical Nominal	
11. a)	Numerical Discrete	If possible, students could perform the test a number of times and record the mean values for upload and download speed. The online form allows entry of a number with one decimal place. Note: upload speed comes first in the questionnaire (but may be displayed second in the speed test results)

11. b)	Categorical Ordinal and Numerical Discrete	It could be interesting to look for relationships between responses for Q11.a) and Q 11.b)
12.	Categorical Nominal	
13.	Categorical Nominal	
14.	Categorical Nominal	
15. a)	Numerical Discrete	There are opportunities to look for correlation(s) between student responses to 11.a) and 15.a) and 15.b) Even if students want to respond with 50/100 for Q15 and 17 they will need to move the slider from the centre and back again to complete the online questionnaire.
15. b)	Numerical Discrete	
16. a)	Categorical Nominal	
16. b)	Categorical Nominal	
16. c)	Categorical Nominal	
17.	Numerical Discrete	
18.	Categorical Nominal	This question's function is to gather student feedback for future versions of the CensusAtSchool questionnaire.
19.	Categorical Nominal	

Univariate and Bivariate Data

Univariate Data: The following types of graphical analysis can be used for univariate data:

Type of Data	Line Plot	Bar Chart	Frequency Table	Histogram	Pie Chart	Stem Plot
Categorical	✓	✓	✓		✓	
Discrete Numerical	✓	✓	✓		✓	✓
Continuous Numerical	✓		✓	✓		✓

Bivariate data:

Students can draw scatter plots to investigate relationships between two variables such as height and vertical reach, etc.