Statistics: How many are we?

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| To read the most recent version of this sequence, download associated resources, and view embedded professional learning including classroom videos and work samples, visit: [https://resolve.edu.au/teaching-sequences/foundation/statistics-how-many-are-we](https://resolve.edu.au/teaching-sequences/foundation/statistics-how-many-are-we?utm_source=docx&utm_medium=sequence_overview&utm_campaign=how_many_we) |

# Sequence Overview

## About this sequence

Students use everyday classroom experiences to investigate the story of their class data. They collect and record data about how many are in the class, and make informed predictions.

## Australian Curriculum: Mathematics (Foundation)

### Achievement standard

Students collect, sort and compare data in response to questions in familiar contexts.

### Statistics

**AC9MFST01 -** Collect, sort and compare data represented by objects and images in response to given investigative questions that relate to familiar situations

# Lessons in this sequence

## Lesson 1 • How many are we?

Students collect data to answer the question: "How many students are in our class today?".

## Lesson 2 • How many today?

Students use their own methods to informally represent their data on the number of students in the class.

## Lesson 3 • Our class tomorrow

Students use their data representations to make predictions about how many students there might be tomorrow.

## Optional investigations • We can ask more questions about our class

Students investigate different questions about their class.

## Suggested implementation

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|  | **Week 1** |
| **Monday** | **Lesson 1 • How many are we?**   * Our class data * Planning to collect our data * Collecting our data |
| **Tuesday** | **Lesson 2 • How many today?**   * Make a prediction * Recording data |
| **Wednesday** | **Lesson 3 • Our class tomorrow**   * Analyse * Predict * Our class tomorrow |
| **Thursday** | * You might choose to do some of the optional investigations. |
| **Friday** | * You might choose to do some of the optional investigations. |