## **Exploring Financial Identity through Mathematics and Statistics**

Achievement and learning objectives

This resource encourages students to apply mathematical skills and knowledge in a financial context. Students explore their financial identity and behaviours when managing their money, spending, saving and taking on debt.

This resource is designed as an integrated, cross-curricular resource, supporting the theme, **Identity.** It can be used in multiple ways to support teaching and learning. Related resources are also available for social sciences, English and technology (digital technologies).



Important readings:

* **[Financial identity resource introduction](http://sortedinschools.org.nz/sorted-resources/financial-identity/)**
* [**Pedagogy and methodology** overview](http://www.sortedinschools.org.nz/teachers/curriculum-info/pedagogical-design/teachers/curriculum-info/pedagogical-design/), for the frameworks underpinning the development of this resource.

**Timing**

The resources are designed for flexibility and choice. There are a range of resources to choose from, so schools and teachers can design programmes that allows:

* Students to work at their own pace using a student planner.
* Teachers to design a programme that suits department/faculty or whole-school planning over a few weeks or a term. This will vary from school to school.

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| **Mathematics and statistics achievement objectives**In a range of meaningful contexts, students will be engaged in thinking mathematically and statistically. They will solve problems and model situations that require them to:**Level 4*** understand addition and subtraction of fractions, decimals, and integers
* find fractions, decimals, and percentages of amounts expressed as whole numbers, simple fractions, and decimals
* apply simple linear proportions, including ordering fractions
* know the equivalent decimal and percentage forms for everyday fractions
* know the relative size and place value structure of positive and negative integers and decimals to three places
* form and solve simple linear equations.

**Level 5*** reason with linear proportions
* understand operations on fractions, decimals, percentages, and integers
* use rates and ratios
* know commonly used fraction, decimal, and percentage conversions
* know and apply standard form, significant figures, rounding, and decimal place value
* Form and solve linear and simple quadratic equations.
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