## **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).

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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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