

# TAX 101

## SA & NT Senior Curriculum Mathematics

### Tax 101 - Activity 1: What is tax and why do we need it? Years 11-12 Task

#### Essential Mathematics Stage 1

#### Topic 2: Earning and spending

##### Subtopic 2.2: Spending

How can the calculation of a percentage provide us with information?

- Finding a percentage of a given amount
- Determining one amount expressed as a percentage of another

#### Topic 4: Data in context

##### Subtopic 4.2: Reading and interpreting graphs

How is information presented in tables and graphs?

- Line graph, step graph, column graph, picture graph, pie graph
- How do the media and different texts display information in graphs?  
Why are some methods of presenting data more suitable than others?

##### Subtopic 4.3: Drawing graphs

What type of graph is best used to display a dataset?

How can spreadsheets be used to tabulate and graph data?

### Tax 101 - Activity 2: Tax: who, what, how and why

#### Essential Mathematics Stage 1

#### Topic 1: Calculations, time, and ratio

##### Subtopic 1.1: Calculations

How can basic mathematics skills help us in our everyday lives?

- Solve practical problems requiring basic number operations
- How can you determine the reasonableness of your calculations?  
• Ascertain the reasonableness of answers to arithmetic calculations

How can a calculator be used to carry out multi-step calculations?

#### Topic 2: Earning and spending

##### Subtopic 2.2: Spending

How can the calculation of a percentage provide us with information?

- Finding a percentage of a given amount
- Determining one amount expressed as a percentage of another

What impact do percentage increases and decreases have on the price of goods and services?

- percentage increases and decreases
- calculations involving mark-ups, discounts, goods and services tax (GST)

#### Topic 4: Data in context

##### Subtopic 4.2: Reading and interpreting graphs

How is information presented in tables and graphs?

- Two-way tables

**Tax 101 - Activity 4: The Budget: taxes and spending**  
**Years 11-12 Task**

**Essential Mathematics Stage 1**

**Topic 4: Data in context**

**Subtopic 4.2: Reading and interpreting graphs**

How is information presented in tables and graphs?

- Line graph, step graph, column graph, picture graph, pie graph

How do the media and different texts display information in graphs?

**Subtopic 4.3: Drawing graphs**

How can numerical data be displayed?

- as frequency distributions, dot plots, stem and leaf plots, and histograms

**Tax 101 - Interactive: You make the decision**  
**Years 11-12 Task**

**Essential Mathematics Stage 1**

**Topic 1: Calculations, time, and ratio**

**Subtopic 1.1: Calculations**

How can basic mathematics skills help us in our everyday lives?

- Solve practical problems requiring basic number operations

How can a calculator be used to carry out multi-step calculations?

# YOUR TAX

## SA & NT Senior Curriculum Mathematics

### Your Tax - Activity 1: Income and income tax

<p><b>Essential Mathematics Stage 1</b></p>	<p><b>Topic 2: Earning and spending</b>  <b>Subtopic 2.1: Earning</b>            In which different ways can income be earned and received?</p> <ul style="list-style-type: none"> <li>• Work: full-time, part-time, casual, self-employed, work on commission, contract</li> <li>• Salary</li> <li>• Wages</li> <li>• Hourly paid</li> <li>• Commission</li> <li>• Piecework</li> </ul> <p><b>Topic 4: Data in context</b>  <b>Subtopic 4.2: Reading and interpreting graphs</b>            How is information presented in tables and graphs?</p> <ul style="list-style-type: none"> <li>• Two-way tables</li> </ul>
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### Your Tax - Activity 1: Income and income tax Years 11-12 Task

<p><b>Essential Mathematics Stage 1</b></p>	<p><b>Topic 1: Calculations, time and ratio</b>  <b>Subtopic 1.1: Calculations</b>            How can basic mathematics skills help us in our everyday lives?</p> <ul style="list-style-type: none"> <li>• Solve practical problems requiring basic number operations</li> </ul> <p>How can a calculator be used to carry out multi-step calculations?</p> <p><b>Topic 2: Earning and spending</b>  <b>Subtopic 2.2: Spending</b>            How can the calculation of a percentage provide us with information?</p> <ul style="list-style-type: none"> <li>• Finding a percentage of a given amount</li> <li>• Determining one amount expressed as a percentage of another</li> </ul>
<p><b>General Mathematics Stage 1</b></p>	<p><b>Topic 1: Investing and borrowing</b>  <b>Subtopic 1.2: Investing in shares</b>            How can the share market be used to make money from the money someone already has?</p> <ul style="list-style-type: none"> <li>• Calculation of the dividend return from shares given the percentage dividend or the dividend per share</li> </ul> <p><b>Subtopic 1.3: Return on investment</b></p> <ul style="list-style-type: none"> <li>• Expressing the return on an investment as a percentage of the original investment</li> <li>• The effect of tax and inflation on real growth of an investment</li> </ul>

**(continued from previous page) Your Tax - Activity 1: Income and income tax  
Years 11-12 Task**

<p><b>General Mathematics Stage 2</b></p>	<p><b>Stage 2 Topic 4: Financial models</b>  <b>Subtopic 4.1: Models for saving</b>                  What factors should be considered when selecting an investment?  <ul style="list-style-type: none"> <li>• Interest as part of taxable income, including calculations</li> </ul> </p>
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**Your Tax - Activity 2: Working and paying tax**

<p><b>Essential Mathematics Stage 1</b></p>	<p><b>Topic 1: Calculations, time and ratio</b>  <b>Subtopic 1.1: Calculations</b>                  How can basic mathematics skills help us in our everyday lives?  <ul style="list-style-type: none"> <li>• Solve practical problems requiring basic number operations</li> </ul>                 How can you determine the reasonableness of your calculations?  <ul style="list-style-type: none"> <li>• Ascertain the reasonableness of answers to arithmetic calculations</li> </ul>                 How can a calculator be used to carry out multi-step calculations?  <b>Topic 2: Earning and spending</b>  <b>Subtopic 2.1: Earning</b>                  How can you calculate a weekly, fortnightly, monthly, or annual income?  <ul style="list-style-type: none"> <li>• Gross income (salaries, wages)</li> <li>• Commissions</li> <li>• Contracts</li> </ul>                 How much personal taxation will you pay?  <ul style="list-style-type: none"> <li>• Personal taxation</li> <li>• Other deductions</li> </ul> <b>Subtopic 2.2: Spending</b>                  How can the calculation of a percentage provide us with information?  <ul style="list-style-type: none"> <li>• Finding a percentage of a given amount</li> </ul> </p>
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**Your Tax - Activity 4: Calculating tax due**

<p><b>Essential Mathematics Stage 1</b></p>	<p><b>Topic 1: Calculations, time and ratio</b>  <b>Subtopic 1.1: Calculations</b>                  How can basic mathematics skills help us in our everyday lives?  <ul style="list-style-type: none"> <li>• Solve practical problems requiring basic number operations</li> </ul>                 How can a calculator be used to carry out multi-step calculations?  <b>Topic 2: Earning and spending</b>  <b>Subtopic 2.1: Earning</b>                  How much personal taxation will you pay?  <ul style="list-style-type: none"> <li>• Personal taxation</li> <li>• Medicare levy</li> <li>• Other deductions</li> </ul> <b>Subtopic 2.2: Spending</b>                  How can the calculation of a percentage provide us with information?  <ul style="list-style-type: none"> <li>• Finding a percentage of a given amount</li> </ul> </p>
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**Your Tax - Activity 5: What other taxes do I have to pay?**  
**Years 11-12 Task**

<p><b>Essential Mathematics Stage 1</b></p>	<p><b>Topic 2: Earning and spending</b>  <b>Subtopic 2.2: Spending</b>            How can the calculation of a percentage provide us with information?  <ul style="list-style-type: none"> <li>• Finding a percentage of a given amount</li> <li>• Determining one amount expressed as a percentage of another</li> </ul>           What impact do percentage increases and decreases have on the price of goods and services?  <ul style="list-style-type: none"> <li>• percentage increases and decreases</li> <li>• calculations involving mark-ups, discounts, goods and services tax (GST)</li> </ul> <b>Topic 4: Data in context</b>  <b>Subtopic 4.4: Summarising and interpreting data</b>            What is meant by average?  <ul style="list-style-type: none"> <li>• Median and mean</li> </ul>           How can the measures of central tendency be calculated?  <ul style="list-style-type: none"> <li>• Arithmetic mean and median</li> </ul>           How useful are the mean and median as measures of central tendency?  <b>Topic 6: Investing</b>  <b>Subtopic 6.1: Simple interest</b>  <ul style="list-style-type: none"> <li>• How is simple interest calculated, and in which situations is it used?</li> </ul> </p>
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**Your Tax - Activity 6: Fixing a tax problem**

<p><b>Essential Mathematics Stage 1</b></p>	<p><b>Topic 2: Earning and spending</b>  <b>Subtopic 2.2: Spending</b>            How can the calculation of a percentage provide us with information?            Finding a percentage of a given amount</p>
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# BUSINESS TAX

SA & NT Senior Curriculum  
Mathematics

## Business Tax - Activity 2: Business structures

<p><b>Essential Mathematics Stage 1</b></p>	<p><b>Topic 1: Calculations, time and ratio</b>  <b>Subtopic 1.1: Calculations</b>            How can basic mathematics skills help us in our everyday lives?  <ul style="list-style-type: none"> <li>• Solve practical problems requiring basic number operations</li> </ul>           How can you determine the reasonableness of your calculations?  <ul style="list-style-type: none"> <li>• Ascertain the reasonableness of answers to arithmetic calculations</li> </ul>           How can a calculator be used to carry out multi-step calculations?  <b>Topic 2: Earning and spending</b>  <b>Subtopic 2.2: Spending</b>            How can the calculation of a percentage provide us with information?  <ul style="list-style-type: none"> <li>• Finding a percentage of a given amount</li> </ul> </p>
<p><b>Essential Mathematics Stage 2</b></p>	<p><b>Stage 2 Topic 3: Business applications</b>  <b>Subtopic 3.3: Business structures and taxation</b>            What are common business structures?  <ul style="list-style-type: none"> <li>• Sole trader</li> <li>• Partnership</li> <li>• Company</li> </ul>           How does the business structure affect the taxation liability of a business?            Calculations comparing the taxation payable under sole trader or partnership structures, or different proportioning of ownership within the partnership</p>

## Business Tax - Activity 4: Explaining business taxes

<p><b>Essential Mathematics Stage 1</b></p>	<p><b>Topic 2: Earning and spending</b>  <b>Subtopic 2.2: Spending</b>            How can the calculation of a percentage provide us with information?  <ul style="list-style-type: none"> <li>• Determining one amount expressed as a percentage of another</li> </ul>           What impact do percentage increases and decreases have on the price of goods and services?  <ul style="list-style-type: none"> <li>• percentage increases and decreases</li> </ul> <b>Topic 4: Data in context</b>  <b>Subtopic 4.2: Reading and interpreting graphs</b>            How is information presented in tables and graphs?  <ul style="list-style-type: none"> <li>• Line graph, step graph, column graph, picture graph, pie graph</li> <li>• Two-way tables</li> </ul> <b>Subtopic 4.3: Drawing graphs</b>  <ul style="list-style-type: none"> <li>• How can spreadsheets be used to tabulate and graph data?</li> </ul> </p>
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**Business Tax - Activity 5: The goods and services tax (GST)**

<p><b>Essential Mathematics Stage 1</b></p>	<p><b>Topic 1: Calculations, time and ratio</b>  <b>Subtopic 1.1: Calculations</b>                  How can basic mathematics skills help us in our everyday lives?  <ul style="list-style-type: none"> <li>• Solve practical problems requiring basic number operations</li> </ul>                 How can you determine the reasonableness of your calculations?  <ul style="list-style-type: none"> <li>• Ascertain the reasonableness of answers to arithmetic calculations</li> </ul>                 How can a calculator be used to carry out multi-step calculations?  <b>Topic 2: Earning and spending</b>  <b>Subtopic 2.2: Spending</b>                  How can the calculation of a percentage provide us with information?  <ul style="list-style-type: none"> <li>• Finding a percentage of a given amount</li> <li>• Determining one amount expressed as a percentage of another</li> </ul>                 What impact do percentage increases and decreases have on the price of goods and services?  <ul style="list-style-type: none"> <li>• percentage increases and decreases</li> </ul> </p>
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**Business Tax - Activity 5: The goods and services tax (GST)  
Years 11-12 Task**

<p><b>Essential Mathematics Stage 1</b></p>	<p><b>Topic 1: Calculations, time and ratio</b>  <b>Subtopic 1.1: Calculations</b>                  How can basic mathematics skills help us in our everyday lives?  <ul style="list-style-type: none"> <li>• Solve practical problems requiring basic number operations</li> </ul>                 How can you determine the reasonableness of your calculations?  <ul style="list-style-type: none"> <li>• Ascertain the reasonableness of answers to arithmetic calculations</li> </ul>                 How can a calculator be used to carry out multi-step calculations?  <b>Topic 2: Earning and spending</b>  <b>Subtopic 2.2: Spending</b>                  How can the calculation of a percentage provide us with information?  <ul style="list-style-type: none"> <li>• Finding a percentage of a given amount</li> </ul>                 What impact do percentage increases and decreases have on the price of goods and services?  <ul style="list-style-type: none"> <li>• percentage increases and decreases</li> <li>• calculations involving mark-ups, discounts, goods and services tax (GST)</li> </ul> <b>Topic 2: Earning and spending</b>  <b>Subtopic 2.3: Budgeting</b>                  How can budgeting be applied to a business?  <b>Topic 5: Measurement</b>  <b>Subtopic 5.2: Area measure</b>                  Calculations  <ul style="list-style-type: none"> <li>• Areas of regular shapes</li> </ul> </p>
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**(continued from previous page) Business Tax - Activity 5: The goods and services tax (GST)**  
**Years 11-12 Task**

**Essential  
Mathematics  
Stage 2**

**Topic 2: Measurement**

**Subtopic 2.2: Area measure**

How can we calculate areas?

- Regular shapes

**Topic 3: Business applications**

**Subtopic 3.2: Costing calculations**

What terms may be used in describing the costing of goods to be sold?

- Manufacturer's cost, wholesaler's cost, retail cost, profit margin, discount, the goods and services tax (GST), input tax credits

How are pricing structures used to decide the price of a product?

- GST

What determines the break-even point?

- Calculation of fixed costs and variable costs
- Determination of break-even point graphically
- Calculation of break-even point using the marginal income

How viable is the business?

- Construction of profit and loss statements, including Cost of Goods Sold (COGS)
- Profit projections



Super - Activity 1: What is superannuation?	
<p><b>Essential Mathematics Stage 1</b></p>	<p><b>Topic 2: Earning and spending</b>  <b>Subtopic 2.3: Budgeting</b>                      How do you plan to spend your money?</p> <p><b>Topic 4: Data in context</b>  <b>Subtopic 4.2: Reading and interpreting graphs</b>                      How is information presented in tables and graphs?</p> <ul style="list-style-type: none"> <li>• Line graph, step graph, column graph, picture graph, pie graph</li> <li>• Two-way tables</li> </ul> <p><b>Topic 6: Investing</b>  <b>Subtopic 6.1: Simple interest</b></p> <ul style="list-style-type: none"> <li>• Why do people save?</li> </ul>
<p><b>Essential Mathematics Stage 2</b></p>	<p><b>Topic 5: Investments and loans</b>  <b>Subtopic 5.2: Annuity investments</b>                      What applications of future-value annuity savings plans are available? Discussion and calculations should cover:</p> <ul style="list-style-type: none"> <li>• Superannuation</li> </ul>
<p><b>General Mathematics Stage 2</b></p>	<p><b>Topic 4: Financial models</b>  <b>Subtopic 4.1: Models for saving</b>                      How can a regular income be provided from savings?</p> <ul style="list-style-type: none"> <li>• Superannuation</li> </ul>

**Super - Activity 2: Where does super money come from?**

<p><b>Essential Mathematics Stage 1</b></p>	<p><b>Topic 1: Calculations, time and ratio</b>  <b>Subtopic 1.1: Calculations</b>                  How can basic mathematics skills help us in our everyday lives?  <ul style="list-style-type: none"> <li>• Solve practical problems requiring basic number operations</li> </ul>                 How can you determine the reasonableness of your calculations?  <ul style="list-style-type: none"> <li>• Ascertain the reasonableness of answers to arithmetic calculations</li> </ul>                 How can a calculator be used to carry out multi-step calculations?  <b>Topic 2: Earning and spending</b>  <b>Subtopic 2.2: Spending</b>                  How can the calculation of a percentage provide us with information?  <ul style="list-style-type: none"> <li>• Finding a percentage of a given amount</li> </ul> <b>Topic 6: Investing</b>  <b>Subtopic 6.1: Simple interest</b>  <ul style="list-style-type: none"> <li>• Why do people save?</li> </ul> </p>
<p><b>Essential Mathematics Stage 2</b></p>	<p><b>Topic 5: Investments and loans</b>  <b>Subtopic 5.2: Annuity investments</b>                  What is an investment called when a regular payment is made into an account?  <ul style="list-style-type: none"> <li>• Future-value annuity</li> </ul> </p>
<p><b>General Mathematics Stage 2</b></p>	<p><b>Topic 4: Financial models</b>  <b>Subtopic 4.1: Models for saving</b>                  How can a regular income be provided from savings?  <ul style="list-style-type: none"> <li>• Superannuation</li> </ul> </p>

**Super - Activity 3: What do I need to do about super?**

<p><b>Essential Mathematics Stage 1</b></p>	<p><b>Topic 1: Calculations, time and ratio</b>  <b>Subtopic 1.1: Calculations</b>                  How can basic mathematics skills help us in our everyday lives?  <ul style="list-style-type: none"> <li>• Solve practical problems requiring basic number operations</li> </ul>                 How can a calculator be used to carry out multi-step calculations?  <b>Topic 2: Earning and spending</b>  <b>Subtopic 2.2: Spending</b>                  How can the calculation of a percentage provide us with information?  <ul style="list-style-type: none"> <li>• Finding a percentage of a given amount</li> </ul> <b>Topic 6: Investing</b>  <b>Subtopic 6.1: Simple interest</b>                  How is simple interest calculated, and in which situations is it used?  <b>Subtopic 6.2 Compound interest</b>                  How is the compound interest formula derived?  <ul style="list-style-type: none"> <li>• Find the amount accrued</li> <li>• principal</li> <li>• Find the amount accrued</li> <li>• principal</li> <li>• interest rate</li> <li>• time</li> </ul> </p>
<p><b>Essential Mathematics Stage 2</b></p>	<p><b>Topic 5: Investments and loans</b>  <b>Subtopic 5.2: Annuity investments</b>                  What applications of future-value annuity savings plans are available? Discussion and calculations should cover:  <ul style="list-style-type: none"> <li>• Superannuation</li> </ul> </p>
<p><b>General Mathematics Stage 1</b></p>	<p><b>Topic 1: Investing and borrowing</b>  <b>Subtopic 1.1: Investing for interest</b>                  How does compound interest work?                  How is compound interest calculated?  <ul style="list-style-type: none"> <li>• Using the formula to find future value, interest earned, and present value</li> <li>• Using electronic technology to find the                         <ul style="list-style-type: none"> <li>• future value</li> <li>• present value</li> </ul> </li> </ul> <b>Topic 5: Linear and exponential functions and their graphs</b>  <b>Subtopic 5.2: Exponential functions and graphs</b>                  How can the model be used to solve problems in context?  <ul style="list-style-type: none"> <li>• Compound interest</li> </ul> </p>
<p><b>General Mathematics Stage 2</b></p>	<p><b>Topic 4: Financial models</b>  <b>Subtopic 4.1: Models for saving</b>                  How is the compound interest model used to plan for the future?  <ul style="list-style-type: none"> <li>• Finding <math>FV</math>, <math>PV</math>, <math>n</math>, and <math>I</math></li> </ul>                 How can a regular income be provided from savings?  <ul style="list-style-type: none"> <li>• Superannuation</li> </ul> </p>

**Super - Activity 3: What do I need to do about super?**  
**Years 11-12 Task**

<p><b>Essential Mathematics Stage 1</b></p>	<p><b>Topic 1: Calculations, time and ratio</b>  <b>Subtopic 1.1: Calculations</b>            How can basic mathematics skills help us in our everyday lives?  <ul style="list-style-type: none"> <li>• Solve practical problems requiring basic number operations</li> </ul> <b>Topic 2: Earning and spending</b>  <b>Subtopic 2.2: Spending</b>            How can the calculation of a percentage provide us with information?  <ul style="list-style-type: none"> <li>• Finding a percentage of a given amount</li> </ul> </p>
<p><b>Essential Mathematics Stage 2</b></p>	<p><b>Topic 5: Investments and loans</b>  <b>Subtopic 5.2: Annuity investments</b>            What mathematics is used in calculating future-value annuities?  <ul style="list-style-type: none"> <li>• Future value</li> <li>• The regular deposit</li> <li>• The number of periods</li> <li>• The interest rate</li> <li>• The interest earned by the annuity investment</li> <li>• Assumptions made in long-term annuity calculations</li> </ul> </p>
<p><b>General Mathematics Stage 2</b></p>	<p><b>Topic 4: Financial models</b>  <b>Models for saving</b>            How is the compound interest model used to plan for the future?  <ul style="list-style-type: none"> <li>• Finding <math>FV</math>, <math>PV</math>, <math>n</math>, and <math>i</math></li> <li>• What mathematics is used in calculating future-value annuities?</li> <li>• Future value</li> <li>• The regular deposit</li> <li>• The number of periods</li> <li>• The interest rate</li> <li>• The value of the accumulating savings after a given period</li> <li>• Total interest earned</li> </ul>           How can a regular income be provided from savings?  <ul style="list-style-type: none"> <li>• Superannuation</li> </ul> </p>

**Super - Activity 4: How do I choose a super fund?**

<p><b>Essential Mathematics Stage 1</b></p>	<p><b>Topic 4: Data in context</b>  <b>Subtopic 4.2: Reading and interpreting graphs</b>            How is information presented in tables and graphs?  <ul style="list-style-type: none"> <li>• Two-way tables</li> </ul> </p>
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**Super - Activity 4: How do I choose a super fund?**  
**Years 11-12 Task**

**Essential  
 Mathematics  
 Stage 1**

**Topic 4: Data in context**  
**Subtopic 4.2: Reading and interpreting graphs**  
 How is information presented in tables and graphs?  
 • Line graph, step graph, column graph, picture graph, pie graph  
**Subtopic 4.3: Drawing graphs**  
 How can a line graph be used to represent data that demonstrates a continuous change?  
**Subtopic 4.4: Summarising and interpreting data**  
 What is meant by average?  
 • Median and mean  
 How can the measures of central tendency be calculated?  
 • Arithmetic mean and median  
 How useful are the mean and median as measures of central tendency?  
**Topic 6: Investing**  
**Subtopic 6.2 Compound interest**  
 How is the compound interest formula derived?  
 Find the  
 • amount accrued  
 Find the  
 • amount accrued

**Essential  
 Mathematics  
 Stage 2**

**Topic 5: Investments and loans**  
**Subtopic 5.1: Lump-sum investments**  
 What may impact on the earnings of the investment?  
 • Inflation  
**Subtopic 5.2: Annuity investments**  
 What is an investment called when a regular payment is made into an account?  
 • Future-value annuity  
 What mathematics is used in calculating future-value annuities?  
 • Future value  
 • The regular deposit  
 • The number of periods  
 • The interest rate  
 • The interest earned by the annuity investment  
 • Assumptions made in long-term annuity calculations  
 What applications of future-value annuity savings plans are available? Discussion and calculations should cover:  
 • Superannuation  
 What may impact on the earnings of the future-value annuity?  
 • Inflation

**(continued from previous page) Super - Activity 4: How do I choose a super fund?  
Years 11-12 Task**

<p><b>General Mathematics Stage 1</b></p>	<p><b>Stage 1 Topic 1: Investing and borrowing</b>  <b>Subtopic 1.1: Investing for interest</b>                  How does compound interest work?                  How is compound interest calculated?  <ul style="list-style-type: none"> <li>• Derivation of the compound interest formula</li> <li>• Using the formula to find future value, interest earned, and present value</li> <li>• Effects of changing the compounding period</li> <li>• Using electronic technology to find the                         <ul style="list-style-type: none"> <li>♦ future value</li> <li>♦ present value</li> </ul> </li> </ul> <b>Subtopic 1.3: Return on investment</b> <ul style="list-style-type: none"> <li>• The effect of tax and inflation on real growth of an investment</li> </ul> </p>
<p><b>General Mathematics Stage 2</b></p>	<p><b>Topic 4: Financial models</b>  <b>Subtopic 4.1: Models for saving</b>                  What mathematics is used in calculating future-value annuities?  <ul style="list-style-type: none"> <li>• Future value</li> <li>• The regular deposit</li> <li>• The number of periods</li> <li>• The interest rate</li> <li>• The value of the accumulating savings after a given period</li> <li>• Total interest earned</li> </ul>                 What factors should be considered when selecting an investment?  <ul style="list-style-type: none"> <li>• The effects of inflation, including calculations</li> </ul>                 How can a regular income be provided from savings?  <ul style="list-style-type: none"> <li>• Superannuation</li> </ul> </p>
<p><b>Mathematics Stage 1</b></p>	<p><b>Topic 7: Arithmetic and geometric sequences and series</b>  <b>Subtopic 7.2: Geometric sequences and series</b>                  Are there examples of sequences of numbers where there is a constant ratio of increase (or decrease) in the values?  <ul style="list-style-type: none"> <li>• Recognise and use the recursive definition of a geometric sequence: <math>t_{n+1} = rt_n</math></li> <li>• Use the formula <math>t_n = r^{n-1}t_1</math> for the general form of a geometric sequence and recognise its exponential nature</li> </ul> </p>