

TAX 101

TAS Senior Curriculum Mathematics

Note: Everyday Maths (Level 1) has not been included in this mapping, as the course does not address taxation or superannuation. The approach to money is very basic, expecting students to recognise “money amounts up to \$100 in personally relevant texts”.

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

Workplace Mathematics (Level 2)	CALCULATIONS, USE OF ALGEBRA, PERCENTAGES, RATES AND RATIOS Percentages <ul style="list-style-type: none">• calculate a percentage of a given amount• determine one amount expressed as a percentage of another TABLES, GRAPHS, DIAGRAMS AND DATA Reading and interpreting tables, graphs and diagrams <ul style="list-style-type: none">• interpret information presented in graphs, such as: conversion graphs, line graphs, step graphs, column graphs, pie graphs and picture graphs• discuss and interpret graphs found in the media and in factual texts• recognise and describe trend patterns in tables and graphs Drawing tables and graphs: <ul style="list-style-type: none">• determine and use the most appropriate type of graph to best display a data set• use spreadsheets to tabulate and graph data
General Mathematics (Foundation) (Level 2)	LINEAR EQUATIONS AND THEIR GRAPHS Piece-wise linear graphs and step graphs <ul style="list-style-type: none">• sketch and interpret piece-wise linear graphs and step graphs, using technology when appropriate; for example, graphs of taxation schedules and parking fees. CONSUMER ARITHMETIC Review of percentages <ul style="list-style-type: none">• arithmetic skills associated with percentages. Applications of rates and percentages <ul style="list-style-type: none">• calculate payments based on government allowances and pensions

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

<p>Essential skills – Maths (Level 2)</p>	<p>Unit 1: Use basic functions of a calculator for problem solving, investigations and applications, including:</p> <ul style="list-style-type: none"> • calculating using whole numbers, money and routine decimals and percentages • applying order of operations to solve multi-step calculations • making estimations and using them to check the reasonableness of the answer to a problem <p>Unit 2: Interpret and calculate with whole numbers and familiar fractions, decimals and percentages in an everyday adult context, including:</p> <ul style="list-style-type: none"> • interpreting and comprehending whole numbers and routine or familiar fractions, decimals and percentages <p>Unit 6: Construct and interpret routine tables, graphs and charts, including:</p> <ul style="list-style-type: none"> • performing calculations to interpret information
<p>Workplace Mathematics (Level 2)</p>	<p>CALCULATIONS, USE OF ALGEBRA, PERCENTAGES, RATES AND RATIOS</p> <ul style="list-style-type: none"> • solve practical problems requiring basic number operations • ascertain the reasonableness of answers to arithmetic calculations • use a calculator for multi-step calculations, accurately and appropriately <p>Percentages</p> <ul style="list-style-type: none"> • calculate a percentage of a given amount • determine one amount expressed as a percentage of another <p>TABLES, GRAPHS, DIAGRAMS AND DATA</p> <p>Reading and interpreting tables, graphs and diagrams</p> <ul style="list-style-type: none"> • interpret and use two-way tables in real-life situations, such as rosters, schedules and more complex workplace situations <p>MONEY</p> <ul style="list-style-type: none"> • increasing or decreasing an amount by a given percentage (e.g. discounts, GST, etc...)
<p>General Mathematics (Foundation) (Level 2)</p>	<p>LINEAR EQUATIONS AND THEIR GRAPHS</p> <p>Piece-wise linear graphs and step graphs</p> <ul style="list-style-type: none"> • sketch and interpret piece-wise linear graphs and step graphs, using technology when appropriate; for example, graphs of taxation schedules and parking fees. <p>CONSUMER ARITHMETIC</p> <p>Review of percentages</p> <ul style="list-style-type: none"> • arithmetic skills associated with percentages.

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

**Workplace
 Mathematics
 (Level 2)**

TABLES, GRAPHS, DIAGRAMS AND DATA

Reading and interpreting tables, graphs and diagrams

- interpret information presented in graphs, such as: conversion graphs, line graphs, step graphs, column graphs, pie graphs and picture graphs
- discuss and interpret graphs found in the media and in factual texts

Data presentation and interpretation:

- display numerical data as frequency distributions, scatterplots and histograms compare the suitability of different methods of data presentation in real-world contexts.

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

**Essential
 skills –
 Maths
 (Level 2)**

Unit 1: Use basic functions of a calculator for problem solving, investigations and applications, including:

- applying order of operations to solve multi-step calculations

**Workplace
 Mathematics
 (Level 2)**

CALCULATIONS, USE OF ALGEBRA, PERCENTAGES, RATES AND RATIOS

- solve practical problems requiring basic number operations
- use a calculator for multi-step calculations, accurately and appropriately

YOUR TAX

TAS Senior Curriculum Mathematics

Your Tax - Activity 1: Income and income tax

Workplace Mathematics (Level 2)

TABLES, GRAPHS, DIAGRAMS AND DATA

Reading and interpreting tables, graphs and diagrams

- interpret and use two-way tables in real-life situations, such as rosters, schedules and more complex workplace situations

Your Tax - Activity 1: Income and income tax Years 11-12 Task

Workplace Mathematics (Level 2)

CALCULATIONS, USE OF ALGEBRA, PERCENTAGES, RATES AND RATIOS

- solve practical problems requiring basic number operations
- use a calculator for multi-step calculations, accurately and appropriately

Percentages

- calculate a percentage of a given amount
- determine one amount expressed as a percentage of another.

MONEY

increasing or decreasing an amount by a given percentage (e.g. discounts, GST, etc...)

General Mathematics (Foundation) (Level 2)

CONSUMER ARITHMETIC

Applications of rates and percentages

Review of percentages

- arithmetic skills associated with percentages.

Applications of rates and percentages

- calculate the dividend paid on a portfolio of shares and compare share values by calculating a price to earnings ratio.

**Your Tax - Activity 2: Working and paying tax
Years 11-12 Task**

<p>Essential skills – Maths (Level 2)</p>	<p>Unit 1: Use basic functions of a calculator for problem solving, investigations and applications, including:</p> <ul style="list-style-type: none"> • identifying and using the four operation keys, cancel, memory and the result key, and other necessary function keys, on calculators • calculating using whole numbers, money and routine decimals and percentages • making estimations and using them to check the reasonableness of the answer to a problem <p>Unit 2: Interpret and calculate with whole numbers and familiar fractions, decimals and percentages in an everyday adult context, including:</p> <ul style="list-style-type: none"> • interpreting and comprehending whole numbers and routine or familiar fractions, decimals and percentages • performing simple and familiar calculations with money, using basic operations making estimations to check the reasonableness of the answer to a problem.
<p>Workplace Mathematics (Level 2)</p>	<p>CALCULATIONS, USE OF ALGEBRA, PERCENTAGES, RATES AND RATIOS</p> <ul style="list-style-type: none"> • solve practical problems requiring basic number operations • ascertain the reasonableness of answers to arithmetic calculations • use a calculator for multi-step calculations, accurately and appropriately <p>Percentages</p> <ul style="list-style-type: none"> • calculate a percentage of a given amount
<p>General Mathematics (Foundation) (Level 2)</p>	<p>CONSUMER ARITHMETIC Applications of rates and percentages Review of percentages</p> <ul style="list-style-type: none"> ○ arithmetic skills associated with percentages.

Your Tax - Activity 4: Calculating tax due

<p>Essential skills – Maths (Level 2)</p>	<p>Unit 1: Use basic functions of a calculator for problem solving, investigations and applications, including:</p> <ul style="list-style-type: none"> • identifying and using the four operation keys, cancel, memory and the result key, and other necessary function keys, on calculators • calculating using whole numbers, money and routine decimals and percentages <p>Unit 2: Interpret and calculate with whole numbers and familiar fractions, decimals and percentages in an everyday adult context, including:</p> <ul style="list-style-type: none"> • interpreting and comprehending whole numbers and routine or familiar fractions, decimals and percentages • performing simple and familiar calculations with money, using basic operations making estimations to check the reasonableness of the answer to a problem.
<p>Workplace Mathematics (Level 2)</p>	<p>CALCULATIONS, USE OF ALGEBRA, PERCENTAGES, RATES AND RATIOS</p> <ul style="list-style-type: none"> • solve practical problems requiring basic number operations • use a calculator for multi-step calculations, accurately and appropriately <p>Percentages</p> <ul style="list-style-type: none"> • calculate a percentage of a given amount
<p>General Mathematics (Foundation) (Level 2)</p>	<p>CONSUMER ARITHMETIC Applications of rates and percentages Review of percentages</p> <ul style="list-style-type: none"> ○ arithmetic skills associated with percentages.

**Your Tax - Activity 5: What other taxes do I have to pay?
Years 11-12 Task**

<p>Workplace Mathematics (Level 2)</p>	<p>CALCULATIONS, USE OF ALGEBRA, PERCENTAGES, RATES AND RATIOS Percentages</p> <ul style="list-style-type: none"> • calculate a percentage of a given amount • determine one amount expressed as a percentage of another. <p>MONEY</p> <ul style="list-style-type: none"> • increasing or decreasing an amount by a given percentage (e.g. discounts, GST, etc...) <p>TABLES, GRAPHS, DIAGRAMS AND DATA Summarising and interpreting data:</p> <ul style="list-style-type: none"> • identify the mode and range calculate measures of central tendency; the arithmetic mean and the median
<p>General Mathematics (Foundation) (Level 2)</p>	<p>CONSUMER ARITHMETIC Applications of rates and percentages Review of percentages</p> <ul style="list-style-type: none"> • arithmetic skills associated with percentages. <p>Applications of rates and percentages</p> <ul style="list-style-type: none"> • apply percentage increase or decrease in various contexts; calculate the dividend paid on a portfolio of shares and compare share values by calculating a price to earnings ratio.

Your Tax - Activity 6: Fixing a tax problem

<p>Workplace Mathematics (Level 2)</p>	<p>CALCULATIONS, USE OF ALGEBRA, PERCENTAGES, RATES AND RATIOS Percentages</p> <ul style="list-style-type: none"> • calculate a percentage of a given amount
<p>General Mathematics (Foundation) (Level 2)</p>	<p>CONSUMER ARITHMETIC Applications of rates and percentages Review of percentages</p> <ul style="list-style-type: none"> • arithmetic skills associated with percentages.

BUSINESS TAX

TAS Senior Curriculum Mathematics

Business Tax - Activity 2: Business structures Years 11-12 Task

<p>Essential skills – Maths (Level 2)</p>	<p>Unit 1: Use basic functions of a calculator for problem solving, investigations and applications, including:</p> <ul style="list-style-type: none"> identifying and using the four operation keys, cancel, memory and the result key, and other necessary function keys, on calculators calculating using whole numbers, money and routine decimals and percentages <p>Unit 2: Interpret and calculate with whole numbers and familiar fractions, decimals and percentages in an everyday adult context, including:</p> <ul style="list-style-type: none"> interpreting and comprehending whole numbers and routine or familiar fractions, decimals and percentages performing simple and familiar calculations with money, using basic operations making estimations to check the reasonableness of the answer to a problem.
<p>Workplace Mathematics (Level 2)</p>	<p>CALCULATIONS, USE OF ALGEBRA, PERCENTAGES, RATES AND RATIOS</p> <ul style="list-style-type: none"> solve practical problems requiring basic number operations ascertain the reasonableness of answers to arithmetic calculations use a calculator for multi-step calculations, accurately and appropriately <p>Percentages</p> <ul style="list-style-type: none"> calculate a percentage of a given amount
<p>General Mathematics (Foundation)</p>	<p>CONSUMER ARITHMETIC</p> <p>Applications of rates and percentages</p> <p>Review of percentages</p> <ul style="list-style-type: none"> arithmetic skills associated with percentages.

Business Tax - Activity 4: Explaining business taxes

Essential skills – Maths (Level 2)

- Unit 1: Use basic functions of a calculator for problem solving, investigations and applications, including:**
- identifying and using the four operation keys, cancel, memory and the result key, and other necessary function keys, on calculators
 - calculating using whole numbers, money and routine decimals and percentages
- Unit 2: Interpret and calculate with whole numbers and familiar fractions, decimals and percentages in an everyday adult context, including:**
- using the four basic operations (addition, subtraction, multiplication, division) which may involve a number of steps
 - applying order of operations to solve multi-step calculations
- Unit 6: Construct and interpret routine tables, graphs and charts, including:**
- determining a suitable scale and axes, draft and draw graphs from collated data
 - reporting and discussing information

Workplace Mathematics (Level 2)

- CALCULATIONS, USE OF ALGEBRA, PERCENTAGES, RATES AND RATIOS**
- Percentages:**
- determine one amount expressed as a percentage of another.
- TABLES, GRAPHS, DIAGRAMS AND DATA**
- Tables, Graphs and Diagrams**
- Reading and interpreting tables, graphs and diagrams:**
- interpret information presented in graphs, such as: conversion graphs, line graphs, step graphs, column graphs, pie graphs and picture graphs
 - interpret and use two-way tables in real-life situations, such as rosters, schedules and more complex workplace situations
 - recognise and describe trend patterns in tables and graphs
- Drawing tables and graphs:**
- use spreadsheets to tabulate and graph data
- MONEY**
- increasing or decreasing an amount by a given percentage (e.g. discounts, GST, etc...)

General Mathematics (Foundation)

- CONSUMER ARITHMETIC**
- Applications of rates and percentages**
- Review of percentages**
- arithmetic skills associated with percentages.
- Applications of rates and percentages**
- apply percentage increase or decrease in various contexts; for example, determining the impact of inflation on costs and wages over time, calculating percentage mark-ups and discounts, calculating GST, calculating profit or loss in absolute and percentage terms

Business Tax - Activity 5: The goods and services tax (GST)

Essential skills – Maths (Level 2)	Unit 1: Use basic functions of a calculator for problem solving, investigations and applications, including: <ul style="list-style-type: none">identifying and using the four operation keys, cancel, memory and the result key, and other necessary function keys, on calculatorscalculating using whole numbers, money and routine decimals and percentages Unit 2: Interpret and calculate with whole numbers and familiar fractions, decimals and percentages in an everyday adult context, including: <ul style="list-style-type: none">applying order of operations to solve multi-step calculationsperforming simple and familiar calculations with money, using basic operations
Workplace Mathematics (Level 2)	CALCULATIONS, USE OF ALGEBRA, PERCENTAGES, RATES AND RATIOS <ul style="list-style-type: none">solve practical problems requiring basic number operationsascertain the reasonableness of answers to arithmetic calculationsuse a calculator for multi-step calculations, accurately and appropriately Percentages <ul style="list-style-type: none">calculate a percentage of a given amount MONEY <ul style="list-style-type: none">increasing or decreasing an amount by a given percentage (e.g. discounts, GST, etc...)
General Mathematics (Foundation)	CONSUMER ARITHMETIC Applications of rates and percentages Review of percentages <ul style="list-style-type: none">arithmetic skills associated with percentages. Applications of rates and percentages <ul style="list-style-type: none">apply percentage increase or decrease in various contexts; for example, determining the impact of inflation on costs and wages over time, calculating percentage mark-ups and discounts, calculating GST, calculating profit or loss in absolute and percentage terms

**Business Tax - Activity 5: The goods and services tax (GST)
Years 11-12 Task**

<p>Essential skills – Maths (Level 2)</p>	<p>Unit 1: Use basic functions of a calculator for problem solving, investigations and applications, including:</p> <ul style="list-style-type: none"> identifying and using the four operation keys, cancel, memory and the result key, and other necessary function keys, on calculators calculating using whole numbers, money and routine decimals and percentages <p>Unit 2: Interpret and calculate with whole numbers and familiar fractions, decimals and percentages in an everyday adult context, including:</p> <ul style="list-style-type: none"> applying order of operations to solve multi-step calculations <p>Unit 3: Estimate, measure and calculate routine metric measurements in everyday adult situations, including:</p> <ul style="list-style-type: none"> calculating areas of squares and rectangles relating a real world problem to mathematical processes
<p>Workplace Mathematics (Level 2)</p>	<p>CALCULATIONS, USE OF ALGEBRA, PERCENTAGES, RATES AND RATIOS</p> <ul style="list-style-type: none"> solve practical problems requiring basic number operations ascertain the reasonableness of answers to arithmetic calculations use a calculator for multi-step calculations, accurately and appropriately <p>Percentages</p> <ul style="list-style-type: none"> calculate a percentage of a given amount <p>MONEY</p> <ul style="list-style-type: none"> increasing or decreasing an amount by a given percentage (e.g. discounts, GST, etc...) (e.g. discounts, GST, etc...) <p>MEASUREMENT</p> <p>Area measure:</p> <ul style="list-style-type: none"> use formulas to calculate areas of rectangles, triangles and circles.
<p>General Mathematics (Foundation)</p>	<p>CONSUMER ARITHMETIC</p> <p>Applications of rates and percentages</p> <p>Review of percentages</p> <ul style="list-style-type: none"> arithmetic skills associated with percentages. <p>Applications of rates and percentages</p> <ul style="list-style-type: none"> apply percentage increase or decrease in various contexts; for example, determining the impact of inflation on costs and wages over time, calculating percentage mark-ups and discounts, calculating GST, calculating profit or loss in absolute and percentage terms

Super - Activity 1: What is superannuation?

Essential skills – Maths (Level 2)	Unit 6: Construct and interpret routine tables, graphs and charts, including: <ul style="list-style-type: none"> identifying features of common tables, graphs and charts in predominantly familiar texts and contexts reporting and discussing information using formal and informal mathematical language performing calculations to interpret information
Workplace Mathematics (Level 2)	TABLES, GRAPHS, DIAGRAMS AND DATA Tables, Graphs and Diagrams Reading and interpreting tables, graphs and diagrams <ul style="list-style-type: none"> interpret information presented in graphs, such as: conversion graphs, line graphs, step graphs, column graphs, pie graphs and picture graphs interpret and use two-way tables in real-life situations, such as rosters, schedules and more complex workplace situations recognise and describe trend patterns in tables and graphs
General Mathematics (Level 3)	Time series analysis <ul style="list-style-type: none"> describe time series plots by identifying features, such as trend (long term direction), seasonality (systematic, calendar related movements) and irregular fluctuations (unsystematic, short term fluctuations) and recognise when there are outliers; for example, one-off unanticipated events

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

Essential skills – Maths (Level 2)	Unit 1: Use basic functions of a calculator for problem solving, investigations and applications, including: <ul style="list-style-type: none"> identifying and using the four operation keys, cancel, memory and the result key, and other necessary function keys, on calculators calculating using whole numbers, money and routine decimals and percentages Unit 2: Interpret and calculate with whole numbers and familiar fractions, decimals and percentages in an everyday adult context, including: <ul style="list-style-type: none"> applying order of operations to solve multi-step calculations performing simple and familiar calculations with money, using basic operations
Workplace Mathematics (Level 2)	CALCULATIONS, USE OF ALGEBRA, PERCENTAGES, RATES AND RATIOS <ul style="list-style-type: none"> solve practical problems requiring basic number operations ascertain the reasonableness of answers to arithmetic calculations use a calculator for multi-step calculations, accurately and appropriately Percentages: <ul style="list-style-type: none"> calculate a percentage of a given amount

(continued from previous page) Super - Activity 2: Where does super money come from?

General Mathematics (Foundation)	CONSUMER ARITHMETIC Percentages Review of percentages <ul style="list-style-type: none">• arithmetic skills associated with percentages. Applications of rates and percentages <ul style="list-style-type: none">• calculate weekly or monthly wage from a salary and from an hourly rate, including situations involving overtime and other allowances, and earnings based on commission or piecework
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Super - Activity 3: What do I need to do about super?

Essential skills – Maths (Level 2)	Unit 1: Use basic functions of a calculator for problem solving, investigations and applications, including: <ul style="list-style-type: none">• identifying and using the four operation keys, cancel, memory and the result key, and other necessary function keys, on calculators• calculating using whole numbers, money and routine decimals and percentages Unit 2: Interpret and calculate with whole numbers and familiar fractions, decimals and percentages in an everyday adult context, including: <ul style="list-style-type: none">• applying order of operations to solve multi-step calculations• performing simple and familiar calculations with money, using basic operations
Workplace Mathematics (Level 2)	CALCULATIONS, USE OF ALGEBRA, PERCENTAGES, RATES AND RATIOS <ul style="list-style-type: none">• solve practical problems requiring basic number operations• use a calculator for multi-step calculations, accurately and appropriately Percentages: <ul style="list-style-type: none">• calculate a percentage of a given amount Use of Algebra: <ul style="list-style-type: none">• understand the notion of directed numbers substitute numerical values into algebraic expressions, to find the value of an unknown. MONEY <ul style="list-style-type: none">• increasing or decreasing an amount by a given percentage (e.g. discounts, GST, etc...)
General Mathematics (Foundation)	CONSUMER ARITHMETIC Applications of rates and percentages Review of percentages <ul style="list-style-type: none">• arithmetic skills associated with percentages. Applications of rates and percentages <ul style="list-style-type: none">• apply percentage increase or decrease in various contexts; for example, determining the impact of inflation on costs and wages over time, calculating percentage mark-ups and discounts, calculating GST, calculating profit or loss in absolute and percentage terms• calculate simple and compound interest
General Mathematics (Level 3)	Finance Compound interest loans and investments <ul style="list-style-type: none">• review simple and compound interest• use a recurrence relation to model a compound interest loan or investment and investigate (algebraically, numerically or graphically) the effect of the interest rate and the number of compounding periods on the future value of the loan or investment

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

Workplace Mathematics (Level 2)	CALCULATIONS, USE OF ALGEBRA, PERCENTAGES, RATES AND RATIOS <ul style="list-style-type: none"> • solve practical problems requiring basic number operations Percentages: <ul style="list-style-type: none"> • calculate a percentage of a given amount
General Mathematics (Foundation)	CONSUMER ARITHMETIC Percentages Review of percentages <ul style="list-style-type: none"> • arithmetic skills associated with percentages. Applications of rates and percentages <ul style="list-style-type: none"> • calculate weekly or monthly wage from a salary and from an hourly rate, including situations involving overtime and other allowances, and earnings based on commission or piecework

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

Essential skills – Maths (Level 2)	Unit 6: Construct and interpret routine tables, graphs and charts, including: <ul style="list-style-type: none"> • determining a suitable scale and axes, draft and draw graphs from collated data • reporting and discussing information
Workplace Mathematics (Level 2)	TABLES, GRAPHS, DIAGRAMS AND DATA Reading and interpreting tables, graphs and diagrams <ul style="list-style-type: none"> • interpret and use two-way tables in real-life situations, such as rosters, schedules and more complex workplace situations

Super - Activity 4: How do I choose a super fund?
Years 11-12 Task

<p>Workplace Mathematics (Level 2)</p>	<p>CALCULATIONS, USE OF ALGEBRA, PERCENTAGES, RATES AND RATIOS Use of Algebra:</p> <ul style="list-style-type: none"> understand the notion of directed numbers substitute numerical values into algebraic expressions, to find the value of an unknown. <p>TABLES, GRAPHS, DIAGRAMS AND DATA Reading and interpreting tables, graphs and diagrams</p> <ul style="list-style-type: none"> interpret information presented in graphs, such as: conversion graphs, line graphs, step graphs, column graphs, pie graphs and picture graphs <p>Drawing tables and graphs:</p> <ul style="list-style-type: none"> use simple (linear) graphs to model real-life situations <p>Summarising and interpreting data:</p> <ul style="list-style-type: none"> identify the mode and range calculate measures of central tendency; the arithmetic mean and the median <p>MONEY</p> <ul style="list-style-type: none"> increasing or decreasing an amount by a given percentage (e.g. discounts, GST, etc...)
<p>General Mathematics (Foundation)</p>	<p>CONSUMER ARITHMETIC Applications of rates and percentages Review of percentages</p> <ul style="list-style-type: none"> arithmetic skills associated with percentages. <p>Applications of rates and percentages</p> <ul style="list-style-type: none"> apply percentage increase or decrease in various contexts; for example, determining the impact of inflation on costs and wages over time, calculating percentage mark-ups and discounts, calculating GST, calculating profit or loss in absolute and percentage terms calculate simple and compound interest
<p>General Mathematics (Level 3)</p>	<p>Growth and Decay in Sequences The geometric sequence</p> <ul style="list-style-type: none"> use geometric sequences to model and analyse (numerically or graphically only) practical problems involving geometric growth and decay <p>Finance Annuities and perpetuities</p> <ul style="list-style-type: none"> use a recurrence relation to model an annuity (algebraically) and investigate (numerically or graphically) the effect of the amount invested, the interest rate and the payment amount on the duration of the annuity with the aid of calculator or computer software, solve problems involving annuities (including perpetuities as a special case)
<p>Mathematical Methods</p>	<p>EXPONENTIAL, LOGARITHMIC AND CIRCULAR (TRIGONOMETRIC) FUNCTIONS AND GRAPHS Exponential functions</p> <ul style="list-style-type: none"> examining simple applications of exponential functions such as growth and decay, compound interest, inflation and depreciation.