Business Tax	Mathematics Life Skills – Stage 6	Year 11 Mathematics Standard	Year 12 Mathematics Standard 1	Year 12 Mathematics Standard 2
(Year 11-12 Task) Activity 5, Task 3: Breaking even and GST • View Print	**MALS6-1**, explores mathematical concepts, reasoning and language to solve problems **MALS6-4**, explores contexts of everyday measurement **MALS6-5**, demonstrates understanding of money **MALS6-6**, explores money management and financial decision-making **MALS6-14,** communicates mathematical ideas and relationships using a variety of strategies ***Measurement*** Subtopic: MLS-M2 Measuring Two-Dimensional and Three-Dimensional Shapes **M2.3: Area and surface area** • use the rule 'area = length x width' to calculate areas of squares and rectangles and apply this to real situations • solve problems involving area and surface area **M2.4: Volume**	**MS11-4,** performs calculations in relation to two-dimensional and three-dimensional figures **MS11-5,** models relevant financial situations using appropriate tools **MS11-6,** makes predictions about everyday situations based on simple mathematical models **MS11-10,** justifies a response to a given problem using appropriate mathematical terminology and/or calculations ***Measurement*** Subtopic: MS-M1 Applications of Measurement **M1.2: Perimeter, area and volume** • solve problems involving perimeters, area, surface area, volumes and capacity in a variety of context	**MS1-12-10,** uses mathematical argument and reasoning to evaluate conclusions, communicating a position clearly to others ***Algebra*** Subtopic: MS-A3 Types of Relationships **A3.1: Simultaneous linear equations** • solve practical problems that involve finding the point of intersection of two straight-line graphs, for example determine and interpret the break-even point of a simple business problem where cost and revenue are represented by linear equations	**MS2-12-10,** uses mathematical argument and reasoning to evaluate conclusions, communicating a position clearly to others and justifying a response ***Algebra*** Subtopic: MS-A4 Types of Relationships **A4.1: Simultaneous linear equations** • solve practical problems that involve finding the point of intersection of two straight-line graphs, for example determine and interpret the break-even point of a simple business problem where cost and revenue are represented by linear equations

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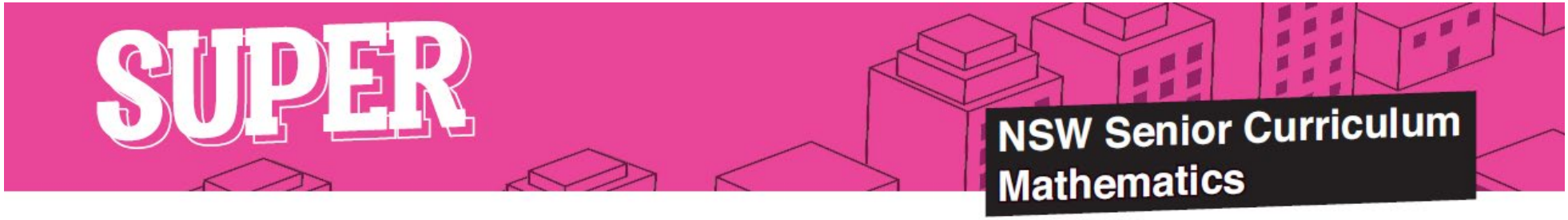
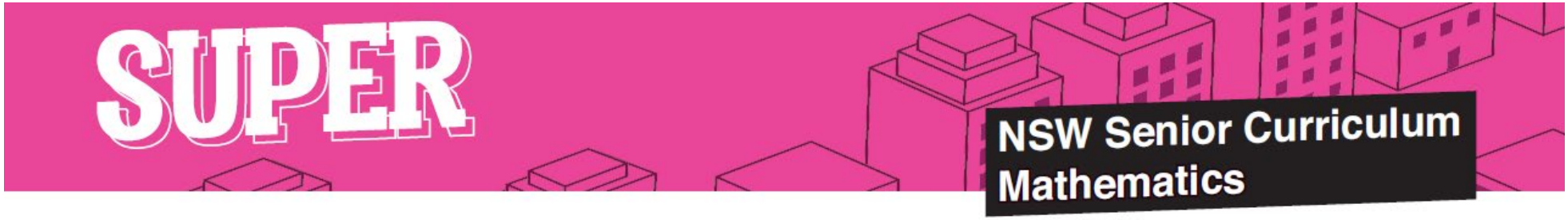
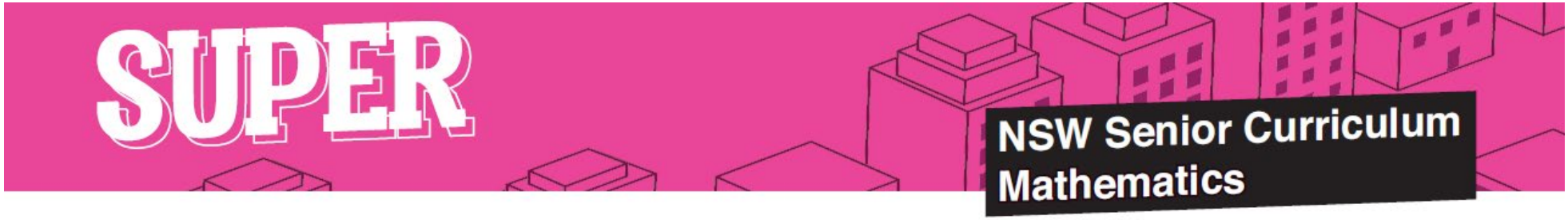
	• use the rule 'volume = length x width x height' for a cube, square prism or rectangular prism and apply this to real situations • solve problems involving volume ***Financial Mathematics*** Subtopic: MLS-F1 Decimals, Percentages and Money **F1.2: Percentages and money** • interpret the use of percentages in everyday life • recognise that there are alternate methods of using a calculator to calculate percentages of amounts	***Financial Mathematics*** Subtopic: MS-F1 Money Matters **F1.1: Interest and depreciation** • calculate simple interest for different rates and periods (ACMEM064) **F1.2: Earning and managing money** • use technology to perform financial computations		
Activity 6: How is business tax collected? • View Online • View Print	–	–	–	–



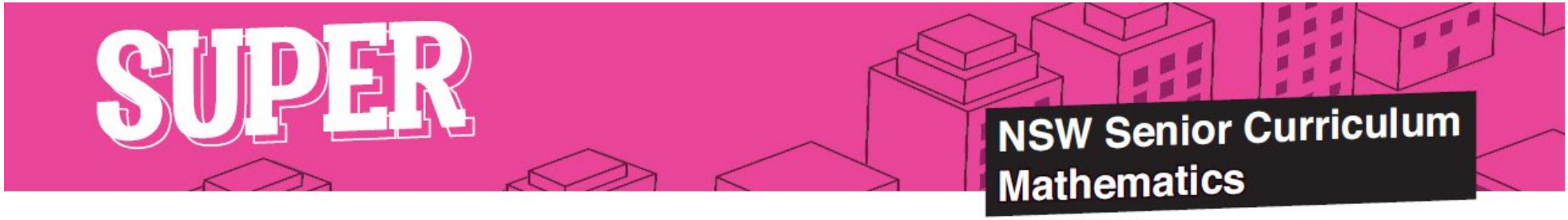
Super	Mathematics Life Skills – Stage 6	Year 11 Mathematics Standard	Year 12 Mathematics Standard 1	Year 12 Mathematics Standard 2	Year 12 Mathematics Advanced
Activity 1: What is superannuation? • View Online • View Print	**MALS6-1**, explores mathematical concepts, reasoning and language to solve problems **MALS6-2**, engages with mathematical symbols, diagrams, graphs and tables to represent information accurately **MALS6-5**, demonstrates understanding of money **MALS6-6**, explores money management and financial decision-making **MALS6-9**, uses data in a range of contexts **MALS6-14**, communicates mathematical ideas and relationships using a variety of strategies ***Financial Mathematics*** Subtopic: MLS-F2 Earning Money **F2.1: Types of income and work** • recognise the link between a person having sufficient income				



Super	Mathematics Life Skills – Stage 6	Year 11 Mathematics Standard	Year 12 Mathematics Standard 1	Year 12 Mathematics Standard 2	Year 12 Mathematics Advanced
	and being able to buy the things they need and want Subtopic: MLS-F3 Spending Money **F3.2: Budgeting** ● describe the possible consequences of having insufficient income to meet expenses ***Statistics and probability*** Subtopic: MLS-S1 Statistics **S1.1: Gather data** ● recognise information in a variety of tables and graphs ● read a range of graphs and tables to gather information **S1.3: Analyse and interpret data** ● interpret graphs, tables and datasets from a variety of common sources ● interpret information about a dataset and use it to draw conclusions				



Super	Mathematics Life Skills – Stage 6	Year 11 Mathematics Standard	Year 12 Mathematics Standard 1	Year 12 Mathematics Standard 2	Year 12 Mathematics Advanced
	• recognise and describe trends in data • use information to extrapolate or make predictions from data				
Activity 2: Where does super money come from? • View Online • View Print	**MALS6-1**, explores mathematical concepts, reasoning and language to solve problems **MALS6-5**, demonstrates understanding of money **MALS6-6**, explores money management and financial decision-making **MALS6-9** uses data in a range of contexts **MALS6-13**, engages with mathematical skills and techniques, including technology, to investigate, explain and organise information ***Financial Mathematics*** Subtopic: MLS-F1 Decimals, Percentages and Money	**MS11-2,** represents information in symbolic, graphical and tabular form **MS11-5,** models relevant financial situations using appropriate tools **MS11-6,** makes predictions about everyday situations based on simple mathematical models **MS11-9,** uses appropriate technology to investigate, organise and interpret information in a range of contexts			



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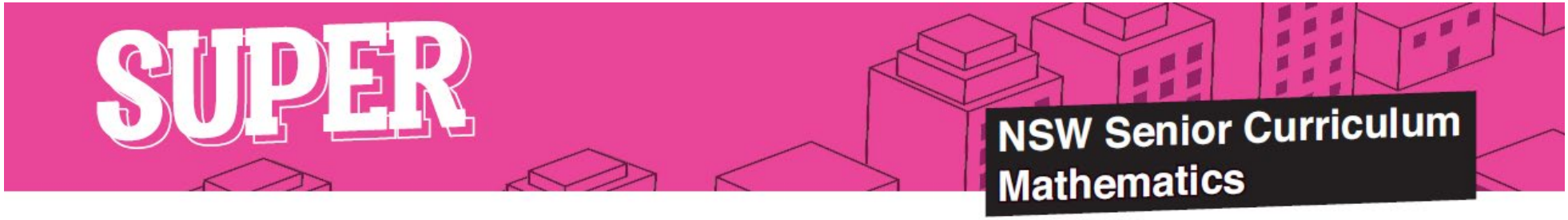
	F1.2: Percentages and money ● recognise, read and write the % symbol as 'per cent' ● interpret the use of percentages in everyday life, for example: ● calculate the percentage of an amount using whole number percentages ***Statistics and probability*** Subtopic: MLS-S1 Statistics **S1.1: Gather data** ● recognise information in a variety of tables and graphs ● read a range of graphs and tables to gather information ● investigate datasets related to a range of cross-curricular focus areas **S1.3: Analyse and interpret data** ● interpret graphs, tables and datasets from a variety of common sources	***Statistical Analysis*** Subtopic: MS-S1 Data Analysis **S1.1: Classifying and representing data (grouped and ungrouped)** ● interpret and compare data by considering it in tabular and/or graphical representations			



Super	Mathematics Life Skills – Stage 6	Year 11 Mathematics Standard	Year 12 Mathematics Standard 1	Year 12 Mathematics Standard 2	Year 12 Mathematics Advanced
		uses appropriate technology to investigate, organise and interpret information in a range of contexts **MS11-10** justifies a response to a given problem using appropriate mathematical terminology and/or calculations ***Financial Mathematics*** Subtopic: MS-F1 Money Matters **F1.1: Interest and depreciation** • calculate simple interest for different rates and periods (ACMEM064)	evaluate conclusions, communicating a position clearly to others ***Financial Mathematics*** Subtopic: MS-F2 Investment • calculate the future value (FV) or present value (PV) and the interest rate (r) of a compound interest investment using the formula $FV = PV(1+r)^n$ solve practical problems involving compounding, for example determine the impact of inflation on prices and wages or calculate the appreciated value of	mathematical argument and reasoning to evaluate conclusions, communicating a position clearly to others and justifying a response ***Financial Mathematics*** Subtopic: MS-F4 Investments and Loans **F4.1: Investments** • calculate the future value (FV) or present value (PV) and the interest rate (r) of a compound interest investment using the formula $FV = PV(1+r)^n$	**MA12-10,** constructs arguments to prove and justify results and provides reasoning to support conclusions which are appropriate to the context ***Financial Mathematics*** Subtopic: MA-M1 Modelling Financial Situations **M1.1: Modelling investments and loans** • solve compound interest problems involving financial decisions, including but not limited to a home loan, a savings account, a car loan or superannuation