

## S3 CfE 3M4 & 3M5 : August - October

Topic	Content	CfE	Websites	
<b>Whole number calculations</b>	Select correct method from data Correctly carry out calculations: + & - to 4 digits × 4 digit by 1 or 2 digit ÷ 4 digit by single digit (Need correct notation and units)	MNU 3-03a	<a href="https://volamaths.weebly.com/uploads/2/4/7/4/24744634/n3_num_practice_2_ans.pdf">https://volamaths.weebly.com/uploads/2/4/7/4/24744634/n3_num_practice_2_ans.pdf</a>	
<b>Decimal Calculations</b>	Select correct method from data Correctly carry out calculations: (+, -, ×, ÷) Round to 2 decimal places (Need correct notation and units)	MNU 3-03b		
<b>Fraction and Percentage Calculations</b>	Select correct method from data Convert between simple fractions, decimals and percentages Simple % or fraction of amount (50%, 10%, 20%, 25%, $\frac{1}{2}$ , $\frac{1}{4}$ , $\frac{1}{10}$ , $\frac{1}{5}$ ) (Need correct notation and units)	MNU 3-07a MNU 2-07b		
<b>Reading Scales</b>	Read scales on a variety of measuring instruments to the nearest marked division (length, weight, volume) Converting metric units Able to measure to nearest cm and for small objects accurate to nearest 2mm	MNU 2-11b MNU 3-11a		
<b>Extracting and Interpreting Data</b>	Extract information from a table, bar chart, pictogram, single line graph or diagram Interpret the information to make decisions	MNU 2-20a MNU3-20a		
<b>Probability</b>	Use data to state likelihood of event happening Make decisions based on likelihood Use the probability scale	MNU 2-22a		
<b>Assessment</b>	<b>N3 Numeracy Assessment - October</b>			

## S3 CfE Set 6 : October - December

Topic	Content	CfE	Websites
<b>Income &amp; Expenditure</b>	Income & Expenditure Basic Pay & Bonus Benefits & Allowances Income Tax (simple percentage) Payslips (net pay) Listing Expenditure	MTH 4-09b	
<b>Preparing a Budget</b>	Merits of keeping a budget Preparing a budget using excel Keeping to the budget	MTH 3-09b	<a href="http://www.mathsmutt.co.uk/3BLSnotes.html">http://www.mathsmutt.co.uk/3BLSnotes.html</a>
<b>Developing a Savings Plan</b>	How much money required over a required time scale (months, weeks)	MTH 3-09b	<a href="http://www.mathsrevision.com/index_files/NAT3Applications.htm">http://www.mathsrevision.com/index_files/NAT3Applications.htm</a>
<b>Decisions on best deals</b>	How to search for deals/requirements Choosing different options Percentage Discount (incl. rounding to nearest penny)	MTH 3-09a	
<b>Assessment</b>	N3 Money section of Money & Data Assessment - November		

Topic	Content	CfE	Websites
Organising data	Creating a list, table or tally chart	MTH 2-20a	<a href="http://www.mathsmutt.co.uk/3BLSnotes.html">http://www.mathsmutt.co.uk/3BLSnotes.html</a>  <a href="http://www.mathsrevision.com/index_files/NAT3Applications.htm">http://www.mathsrevision.com/index_files/NAT3Applications.htm</a>
Comparing data	Calculating totals Calculating averages Choosing appropriate diagram to compare data	MTH 2-20a	
Representing data	Drawing pictographs, bar graphs, line graphs Using technology to help draw graphs	MTH 2-21a	
Interpreting data to draw conclusions	Interpret the information from graphs to make decisions	MTH 2-20a	
Assessment	N3 Data section of Money & Data Assessment - December		

## S3 CfE Set 6 : January - March

Topic	Content	CfE	Websites
<b>Time</b>	Continue a regular time interval pattern Calculate time intervals (including use of appropriate time notation)	MTH 2-10a	
<b>Perimeter and Area</b>	Calculate perimeter of regular 2D shapes Calculate area of regular 2D shapes Select and use appropriate units of measurement	MTH 2-11c	
<b>Volume</b>	Know formula for volume of cuboid Calculate volume of cuboid (including use of appropriate units)	MTH 2-11c	<a href="http://www.mathsmutt.co.uk/3BLSnotes.html">http://www.mathsmutt.co.uk/3BLSnotes.html</a>
<b>Direction</b>	Follow directions on a map Give directions to a destination	MTH 2-17c	<a href="http://www.mathsrevision.com/index_files/NAT3Applications.htm">http://www.mathsrevision.com/index_files/NAT3Applications.htm</a>
<b>Scale</b>	Interpret simple scale drawings Apply a basic scale factor (including use of appropriate units)	MTH 2-17d MTH 3-17c	
<b>Patterns</b>	Continue a given pattern (numerical or shape pattern)	MTH 2-13a	
<b>Assessment</b>	N3 Shape, Space and Measure Assessment - March S3 Exam- non calculator skills - April		

## S3 CfE Set 6 : April - June

Topic	Content	CfE	Websites
Money	Currency conversion, VAT (as %)		
Time	Finding time intervals (in 12hr & 24hr), Adding, subtracting time (over midnight)	MNU 2-10b	
Perimeter	Finding perimeter of composite rectilinear within context Finding missing lengths with knowledge of parallel length	MNU 2-11c	
Distance, Speed, Time	Finding distance, speed or time (include time units in mins with mph)	MNU 3-10a	
Measurement	scale (liquid vol), temperature (incl negative numbers)		
Ratios	Simplifying ratios, sharing using a given ratio (in context) Checking shared amounts	MNU 3-08a MNU 4-08a	<a href="https://www.bbc.co.uk/education/topics/zmykjxs">https://www.bbc.co.uk/education/topics/zmykjxs</a> <a href="http://www.mathsmutt.co.uk/BL_Snotes.html">http://www.mathsmutt.co.uk/BL_Snotes.html</a>
Money	Hire Purchase, Choosing cheapest option, Decisions needed for better deal	MNU 4.09a	<a href="http://www.mathsrevision.com/index_files/N4_Numeracy.htm">http://www.mathsrevision.com/index_files/N4_Numeracy.htm</a>
Measurement	Angles to nearest degree with protractor, Length to nearest mm. Tolerance	MNU 4-01a	
Statistics	Interpreting pie charts, bar graphs, line graphs, tables Evaluating sectors of pie charts (ie. $60/360 \times 240 = 40$ people) Describing trends, relationships Making choices for best choice (money, phone contracts, savings %)	MNU 4-20a	
Probability	Finding probability (in decimal) Comparing probabilities to make decisions	MNU 3-22a MNU 4-22a	