

National 5 Applications – Block 1 – AUG to OCT									
Outcome 1.1 – apply numerical skills to whole and decimal values									
School outcome	Outcome name	Sub-skill	Explanation	TJ APPS PAGES	OTHER	NOTES	LITERACY	HOMEWORK (TJ TEXTBOOK END OF TOPIC)	PERIODS
		Revision of N4		Use revision A-C					2
1.1N	Number	round answers to the nearest significant figure or three decimal places		P18 P19				Numeracy 2	5
1.1N	Number	add and subtract numbers given to two decimal places		P20					
1.1N	Number	multiply or divide a number given to two decimal places by a single-digit whole number							
1.1N	Number	multiply or divide a number given to two decimal places by multiples of 10, 100 and 1000		P21 P22					

1.1N	Number	Recording measurements using a scale on an instrument	To the nearest marked, minor unnumbered division on an instrument for length, angle, weight, volume and temperature	??					1
Outcome 1.2 – apply measuring skills to tolerance									
School outcome	Outcome name	Sub-skill	Explanation	TJ APPS	OTHER	NOTES	LITERACY	HOMEWORK	PERIODS
1.2M		Considering the effects of tolerance	◆ Given the tolerance, calculate the limits ◆ Given the accuracy of the methods of production of two fitting components, consider the implications for compatibility	P111 P112-113 P114-115		Additional 2 periods to revise add/subtract fractions and percentage of a quantity (non-calc and calc)		Geometry 1	3 (5)
Outcome 1.3 – apply numerical and geometric skills to length, area and volume									
School outcome	Outcome name	Sub-skill	Explanation	TJ APPS	OTHER	NOTES	LITERACY	HOMEWORK	PERIODS
1.3N	length, area and volume		Calculating perimeter and circumference	P53 P54-55 P56				Numeracy 6	5
1.3N	length, area and volume		Calculating area (triangles and	P57-58 P59-60					

			composite shapes)						
1.3N	length, area and volume		Calculating volume (cylinder, triangular prism)	P72-73 P74 P75-76 P77-78 P80				Numeracy 8	5
1.3G	length, area and volume	Solving a problem involving a composite shape	Which may include part of a circle	P154 P155-156 P157-159				Geometry 7	3
1.3G	length, area and volume	Solving a problem involving the volume of a composite solid	◆ Including simple fractional parts of solids	P173 P174-176 P177-178 P179-181 P182				Geometry 9	5
Outcome 1.4 – apply geometric skills to gradient and pythagoras									
School outcome	Outcome name	Sub-skill	Explanation	TJ APPS	OTHER	NOTES	LITERACY	HOMEWORK	PERIODS
1.4G	gradient and pythagoras	Investigating a situation involving gradient	◆ Using vertical distances and horizontal distances ◆ Using coordinates	P149 P150-152				Geometry 6	3
1.4G	gradient and pythagoras	Using Pythagoras' theorem	Within a two-stage calculation	P143 P144-147				Geometry 5	3
	ADDITIONAL  BLOCK REVISION			Use selected questions from study area assessments					5

	ASSESSMENT								2
	TOTAL								44
National 5 Applications – Block 2 – OCT to DEC									
Outcome 2.1 – apply numerical skills to fractions and percentages									
School outcome	Outcome name	Sub-skill	EXPLANATION	TJ APPS	OTHER	NOTES	LITERACY	HOMEWORK	PERIODS
		Revision of N4		Use revision A-C					2
2.1N	Fractions & percentages		find percentages and fractions of shapes and quantities	P25-26 P27-28 P29-30 P31-32 P33-34				Numeracy 3	11
2.1N	Fractions & percentages		recognise and use mixed fractions, eg $3\frac{1}{2}$ , $\frac{1}{3}$ , $4\frac{1}{4}$ , $\frac{1}{8}$ , $\frac{2}{6}$	P36-37 P38-40 P41 P42				Numeracy 4	
2.1N	Fractions & percentages		add and subtract simple fractions, eg $\frac{1}{2} + \frac{1}{4}$ and $\frac{2}{3} - \frac{1}{3}$						
2.1N	Fractions & percentages		find the number of fractional parts in a mixed number, eg $2\frac{1}{2} = 5$ halves  express a quantity as a						

			percentage of another quantity						
2.1N	Fractions & percentages		convert equivalences between fractions, decimal fractions and percentages						
2.1N	Fractions & percentages		calculate compound percentage increase and decrease						
<b>Outcome 2.2 – apply financial skills</b>									
School outcome	Outcome name	Sub-skill	EXPLANATION	TJ APPS	OTHER	NOTES	LITERACY	HOMEWORK	PERIODS
2.2F	Financial skills	Analysing a financial position using budget information	Budgeting and planning for personal use or planning an event  Balancing incomings and outgoings from a range of sources	P223 P224 P225 P226-227 P228-229				Finance 4	5
2.2F	Financial skills	Analysing and interpreting factors affecting income	Investigate and interpret income and deductions for different personal circumstances	P190 P191-194 P195-197 P198-199				Finance 1	5

			<p>and career choices. These should include:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> basic pay, gross/net pay</li> <li><input type="checkbox"/> overtime</li> <li><input type="checkbox"/> incentive payments, eg bonus and commission</li> <li><input type="checkbox"/> benefits and allowances</li>   <li><input type="checkbox"/> National Insurance</li> <li><input type="checkbox"/> income tax</li> <li><input type="checkbox"/> pension contributions</li> </ul>						
2.2F	Financial skills	Determining the best deal, given three pieces of information	Compare at least three products, given three pieces of information on each	P218 P219-221				Finance 3	3
2.2F	Financial skills	Converting between several currencies	Convert between currencies in either direction; this is to involve the use of at least three currencies in a multi-stage task	P201 P202-203 P204-205 P206-207 P207-208 P209-211 P212 P213 P214-215				Finance 2	10

2.2F	Financial skills	Investigating the impact of interest rates on savings and borrowing	These include: <input type="checkbox"/> loans <input type="checkbox"/> savings <input type="checkbox"/> credit cards <input type="checkbox"/> store cards <input type="checkbox"/> credit agreements						
Outcome 2.3 – apply measuring skills to efficiency									
School outcome	Outcome name	Topic/Sub-skill	EXPLANATION	TJ APPS	OTHER	NOTES	LITERACY	HOMEWORK	PERIODS
2.3M	efficiency	Carrying out efficient container packing	◆ By assigning items to uniform containers to minimise the amount of containers used	P161 P162-164				Part of Geometry assessment 8	3
	ADDITIONAL  BLOCK REVISION			Use selected questions from study area assessments					14
	ASSESSMENT								2
	TOTAL								55

National 5 Applications – Block 3 – JAN to APR									
Outcome 3.1 – apply statistical skills									
School outcome	Outcome name	Topic/Sub-skill	EXPLANATION	TJ APPS	OTHER	NOTES	LITERACY	HOMEWORK	PERIODS
		Revision of N4		Use revision A-C					2
3.1S	Statistics	Using a combination of statistical information presented in different diagrams	Constructing, interpreting and comparing boxplots, scattergraphs and pie charts	P82-84 P85-88 P89-90 P91-92 P93  P245				Numeracy 9       Finance 6	16
3.1S	Statistics	Drawing a line of best fit from given data	Data presented in tabular form	P246-247 P248-250				Finance 5	
3.1S	Statistics	Using statistics to analyse and compare data sets	Calculating mean, median, mode, range, interquartile range, and standard deviation	P231 P232-234 P235-236 P237 P238-239 P240-243					
3.1S		Extracting and interpreting data from different graphical forms	This includes: ♦ tables with at least five categories of information ♦ charts where all the values are not given or where the scale is not obvious, eg comparative/compound bar chart ♦ graphs where part of the axes are missing or the scale is not obvious, eg conversion line graph ♦ diagrams, eg pictogram, stem and leaf, scatter diagram or a map						



3.1S		Making and justifying decisions using evidence from the interpretation of data	<ul style="list-style-type: none"> <li>◆ Making decisions based on patterns, trends or relationships in data</li> <li>◆ Using evidence from the interpretation of data to justify decisions</li> <li>◆ Understanding the effects of bias and sample size</li> </ul>						
Outcome 3.2 – apply graphical and probability skills to probability									
School outcome	Outcome name	Topic/Sub-skill	EXPLANATION	TJ APPS	OTHER	NOTES	LITERACY	HOMEWORK	PERIODS
3.2S	Probability	Using a combination of statistics to investigate risk and its impact on life	Using the link between simple probability and expected frequency	P96 P97-99  P252 P253-254 P255				Numeracy 10  Finance 7	7
3.2S		Making and justifying decisions based on probability	<ul style="list-style-type: none"> <li>◆ Recognising patterns, trends and relationships and using these to state the probability of an event happening</li> <li>◆ Using evidence from the interpretation of probability to justify decisions</li> <li>◆ Analysing the probability of combined events, identifying the effects of bias and describing probability through the use of percentages, decimals, fractions and ratio to make and justify decisions</li> </ul>						
Outcome 3.3 – apply numerical skills to ratio and proportion									

School outcome	Outcome name	Topic/Sub-skill	EXPLANATION	TJ APPS	OTHER	NOTES	LITERACY	HOMEWORK	PERIODS
3.3N	Ratio & proportion		Calculating ratio including dimensions from scale drawings, eg scale of 1 10	P62-63 P64-65 P66 P67-68 P69-70				Numeracy 7	9
			Calculating direct and indirect proportion						
Outcome 3.4 – apply measuring skills to scale drawings and navigation									
School outcome	Outcome name	Topic/Sub-skill	EXPLANATION	TJ APPS	OTHER	NOTES	LITERACY	HOMEWORK	PERIODS
3.4M		Constructing a scale drawing, including choosing a scale	From written information and/or a sketch: ♦ lines are to be drawn and measured to the nearest millimetre ♦ angles are to be drawn and measured to the nearest degree	P125 P126-128 P129-131				Geometry 3	5
3.4M		Planning a navigation course	♦ Using a given or constructed map or plan ♦ Using bearings and length						
Outcome 3.5 – apply numerical skills to distance, speed and time									
School outcome	Outcome name	Topic/Sub-skill	EXPLANATION	TJ APPS	OTHER	NOTES	LITERACY	HOMEWORK	PERIODS
3.5N	DST		Calculating speed, time and distance	P133 P134-135 P136-138 P138-141				Geometry 4	8
Outcome 3.6 – apply measuring skills to calculating a quantity									
School outcome	Outcome name	Topic/Sub-skill	EXPLANATION	TJ APPS	OTHER	NOTES	LITERACY	HOMEWORK	PERIODS
3.6M		Calculating a quantity	Based on two related pieces of information	P170-171				Part of Geometry 8	2
3.6M		Using precedence	Where some activities can be done						

		tables to plan tasks	simultaneously, whereas others must be done in sequence						
3.6M		Solving a problem involving time management	Planning the timing of activities with some complex features, eg working across time zones						
	ADDITIONAL BLOCK REVISION EXAM REVISION			Use selected questions from study area assessments  Exam style papers as a mock test					27
	ASSESSMENT								2
	TOTAL								78