







Year 7 Maths End of Year 25 Assessment Topic List



All chapters on the topic list will be assessed as this is your End of Year test.		
Topics	DFM Key Skills	Revised?
1. Analysing and Displaying Data		
1.1 Mode, median and range	207	
1.2 Displaying data - Bar charts, pictograms, bar-line charts, frequency tables	31, 65, 133, 235, 237	
1.3 Grouping data - Grouped frequency tables, discrete and continuous data	312, 314	
1.4 Averages and comparing data - mode, median, range and mean	132, 207	
1.5 Line graphs and more bar charts	30, 114, 65	
2. Number Skills		
2.1 Mental maths - Priority of operations (GEMS), estimating	45, 188, 115, 39	
2.2 Addition and subtraction	40, 41	
2.3 Multiplication	67, 156	
2.4 Division	89, 156	
2.5 Money and time	50, 127, 61, 113, 59	
2.6 Negative numbers	86, 87, 155, 156	
2.7 Factors, multiples and primes	97, 161, 162	
2.8 Square numbers	88, 157	
3. Expressions, Functions and Formulae		
3.1 Functions - function machines	133, 432	
3.2 Simplifying expressions - Collecting like terms	193	
3.3 Simplifying expressions 2 - Expanding single brackets, multiplying and dividing algebraic terms	191, 192, 252	
3.35 Factorising single brackets	253	
3.4 Writing expressions	198	
3.5 Substituting into formulae	136, 196	
3.6 Writing formulae	198	
3.7 Solve one and two step equations	199, 257	
3.8 Expand double brackets	300	
4. Decimals and Measures		
4.1 Decimals and rounding (inc significant figures)	69, 75, 187	
4.4 Working with decimals mentally - multiplying	70, 123	
4.2 Length, mass and capacity	15, 107	
4.3 Scale diagrams and measures	108, 137	
4.5 Working with decimals - add, subtract, multiply, divide	70, 74, 123, 125	
4.6 Perimeter	79, 180	
4.7 Area - rectangles, compound shapes, triangles	80, 138, 139, 140, 181, 182	
4.8 More units of measure	15, 107	
5. Fractions and Percentages		
5.1 Comparing fractions	55, 98, 99, 116	
5.2 Simplifying fractions	98	
5.3 Working with fractions - Add, subtract, multiply, divide, mixed numbers, fractions of amounts	56, 57, 101, 118, 167, 168	
5.4 Equivalent fractions and decimals	172	
5.5 Understanding percentages - convert to a fraction or percentage	172	
5.6 Percentages of amounts	130, 214, 219	
6. Probability		
6.1 The language of probability	247	
6.2 Calculating probability	248	
6.3 More probability calculations	250	
6.4 Experimental probability	251	
6.5 Expected outcomes	251	
7. Ratio and Proportion		
7.1 Direct proportion	176	
7.2 Writing ratios	224	
7.3 Using ratios	225	
7.4 Ratios, proportions and fractions	176	
7.5 Proportions and percentages	172, 176	

Additional Resources			
Worksheets on Sharepoint These include most of the topics covered in the year. They each have three levels of difficulty (support, core and then depth) and the answers are at the end of the document.		Youtube - Corbett Maths Here you can find lots of videos on GCSE topics. Complete the questions as you watch the video.	
Corbett Maths Here you can find worksheets filtered by topic as well as written and video solutions		Dr Frost Use the Dr Frost numbers to the left to complete questions on these topics. You can also complete past paper questions on here too.	
Set yourself up for success with assessments...			
End of Term/Year Assessments			
Topic list			
Identify areas to work on. Start practising these Key Skills on DFM			
Key Skills HW on DFM			
Two weeks before the test. Workings shown neatly in your book.			
Pre-test and other resources given by teacher			
Use these to identify topics for further revision at home. Use resources from QR codes above to practise them.			
Test corrections (Really important to improve exam technique)			
Use worked/video solutions to make any necessary corrections in green pen Ask your teacher if you still don't understand			
DFM key skills			
Identify a minimum of 3 Key Skills for further practice from your review sheet Write these out neatly in the front of your exercise book with full workings 10 questions from each Key Skill Use the Exam Skills to extend your learning if you don't have 3 Key Skills			