



## Year 9 Dec 24 Assessment Topic List



Topics	DFM Key Skills	Revised
<b>1. Indices and standard form</b>		
1.1 Indices	88	
1.2 Calculations and estimates	188	
1.3 More indices	158, 299	
1.4 Standard form	302, 303	
1.5 Surds	336, 337	
<b>2. Expressions and formulae</b>		
2.1 Solving equations	257, 258	
2.2 Substituting into expressions	136, 196	
2.3 Writing and using formulae	198	
2.4 Using and rearranging formulae	201	
2.5 Index laws and brackets	191, 192, 252	
2.6 Expanding double brackets	300	
2.7 Factorise simple quadratics (not in text book)	253, 363	
2.8 Intro to completing the square (not in text book)	413a	
<b>4. Multiplicative reasoning</b>		
4.1 Enlargement	295, 296	
4.2 Negative and fractional scale factors	298	
4.3 Percentage change	215, 223	
4.4 Compound measures	326, 329	

NB - this isn't the entire chapter 4. 4.5 Direct and Inverse Proportion will not be assessed.

The above will cover the majority of the assessment, however you could still be assessed on previous learning from Y7 and Y8.

Additional Resources	
<p><b>Worksheets on Sharepoint</b></p> <p>These include <b>most</b> 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.</p>	
<p><b>Youtube - Corbett Maths</b></p> <p>Here you can find lots of videos on GCSE topics. Complete the questions as you watch the video.</p>	
<p><b>Corbett Maths</b></p> <p>Here you can find worksheets filtered by topic as well as written and video solutions</p>	
<p><b>Dr Frost</b></p> <p>Use the Dr Frost numbers to the left to complete questions on these topics. You can also complete past paper questions on here too.</p>	
<b>Set yourself up for success with assessments...</b>	
Chapter Assessments	End of Term/Year Assessments
<p><b>Check up booklet</b></p> <p>Complete the booklet, then go through it using the worked solutions. Use the front cover to help guide you through next steps.</p>	<p><b>Topic list</b></p> <p>Identify areas to work on. Start practising these Key Skills on DFM</p>
<p><b>Strengthen/Extend</b></p> <p>Decide from your check up booklet which one to attempt first. Complete, ensuring full workings are done on paper/in your books. Use this to identify topics for further revision at home. Use resources from QR codes above to practise them.</p>	<p><b>Key Skills HW on DFM</b></p> <p>Two weeks before the test. Workings shown neatly in your book.</p>
<p><b>Pre-test and other resources given by teacher</b></p> <p>Use these to identify topics for further revision at home. Use resources from QR codes above to practise them.</p>	
<p><b>Test corrections (Really important to improve exam technique)</b></p> <p>Use worked/video solutions to make any necessary corrections in green pen Ask your teacher if you still don't understand</p>	
<p><b>DFM key skills</b></p> <p>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</p>	