



YEAR 9 – Maths Foundation - KNOWLEDGE OVERVIEW: HALF TERM 2 SPRING 2021

Year group:	Unit:	Date (from and to):		
Week beginning:	Big concept:	Learning intentions/ worksheet titles	Resources	
			Offline:	Online including links on how to access these:
22/02/21	Solving equations 1	Week 1: -Understand and use inverse operations -Rearrange simple linear equations -Solving simple linear equations	Read and highlight key concepts on the revision notes on pages 35, 36 and 38. . On page 39 answer Warm Up questions 1, 2 and 3. On page 40 answer exam questions 3 and 4.	www.teams.microsoft.com Live lessons, Lesson video recordings, and linked resources on MS Teams (<i>login from outlook email or download the app. Login with your normal login for school and email</i>). If you can't always access live lessons, you can check in when possible to keep up to date.
1/03/21	Solving equations with brackets	Week 2: -Solving equations with brackets -Solving equations with unknown on both sides	Read and highlight the key concepts on pages 41 and 42. On page 47 answer the warm up questions 1 and 2. On page 48 answer exam questions 3.	www.vle.mathswatch.co.uk Interactive self-marking homework including videos that can be found under each question to help. The homework backs up the learning in class learning. The completion of the Mathswatch tasks is compulsory, as this way the progress of each student can be seen. Even if you can't join live lessons, but you can access the internet at another time you should try the Mathswatch tasks to keep in touch with what the rest of the class are doing.
8/03/21	Inequalities	Week 3: -Solve Simple linear inequalities -Represent inequalities on a number line. -Solving two-sided inequalities	Read and highlight key concepts on the revision notes on page 51. On page 52 answer Warm Up questions 5 and 6. Answer exam question 6.	compulsory, as this way the progress of each student can be seen. Even if you can't join live lessons, but you can access the internet at another time you should try the Mathswatch tasks to keep in touch with what the rest of the class are doing. <i>Email umahmood@w-h-s.org.uk if you need your login details</i>

15/03/21	Using Formulae	<p>Week 4:</p> <ul style="list-style-type: none"> -Substitute values into formulae and solve equations -Change the subject of the formulae -Know the difference between an expression, equations, formulae and an identity. 	<p>Read and highlight the key concepts 43 to 46.</p> <p>On page 47 answer the warm up questions 3 - 9. On page 48 answer exam questions 2, 4, 5 and 6..</p>	
22/03/21	Generating Sequences	<p>Week 5:</p> <ul style="list-style-type: none"> -Recognise and extend sequences -Using the nth term of a sequence. 	<p>Read and highlight the key concepts 49 to 50.</p> <p>On page 52 answer the warm up questions 1 and 2. On page 53 answer exam questions 3, 4, 5</p>	
29/03/21	Revisiting the work from the past 5 weeks	<p>Week 6:</p> <p>Take this week as an opportunity to revise all the topics you have already learnt this half-term,.</p>	<p>On page 59, work through questions 1 to 21.</p>	