



In the event that individual students are not attending school and are able to complete work, these are the **core topics** being covered by each subject each half term and the relevant links to learning materials to use.

Subject: Mathematics

Year: 9 Set 4

Term	Core topic/s	Learning resources to access	Additional suggested tasks
Autumn 1	Number: <ul style="list-style-type: none">• Decimals• Factors, multiples, HCF and LCM• Powers and roots• Prime factorisation	https://s3-eu-west-1.amazonaws.com/aws-hegartymaths/resources/HegartyMaths_GCSE_Revision_Crossover.pdf https://s3-eu-west-1.amazonaws.com/aws-hegartymaths/resources/HegartyMaths_GCSE_Revision_Foundation.pdf	<ul style="list-style-type: none">• Use the MemRi feature on Hegarty maths to revise topics that have already been covered.• Use the fixup 5 feature on Hegarty to reattempt questions that you preciously have answered incorrectly.• L:\Maths\2. KS4 Resources\5.Yr11 Fact sheets – learn the formulae and key geometric facts
Autumn 2	Algebra: <ul style="list-style-type: none">• Collecting like terms• Substitution• Expanding brackets• Factorising expressions	https://s3-eu-west-1.amazonaws.com/aws-hegartymaths/resources/HegartyMaths_GCSE_Revision_Crossover.pdf https://s3-eu-west-1.amazonaws.com/aws-hegartymaths/resources/HegartyMaths_GCSE_Revision_Foundation.pdf	
Spring 1	Number: <ul style="list-style-type: none">• Fractions• Percentages• Mixed numbers and improper fractions• Fractions of amounts	https://s3-eu-west-1.amazonaws.com/aws-hegartymaths/resources/HegartyMaths_GCSE_Revision_Crossover.pdf https://s3-eu-west-1.amazonaws.com/aws-hegartymaths/resources/HegartyMaths_GCSE_Revision_Foundation.pdf	
Spring 2	Algebra: <ul style="list-style-type: none">• Linear equations• Solving linear inequalities	https://s3-eu-west-1.amazonaws.com/aws-hegartymaths/resources/HegartyMaths_GCSE_Revision_Crossover.pdf https://s3-eu-west-1.amazonaws.com/aws-hegartymaths/resources/HegartyMaths_GCSE_Revision_Foundation.pdf	



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	<ul style="list-style-type: none">• Changing the subject• Linear sequences		
Summer 1	Geometry: <ul style="list-style-type: none">• Angles in polygons• Angles in a triangle• Angles on parallel lines• Properties of 2D shapes	https://s3-eu-west-1.amazonaws.com/aws-hegartymaths/resources/HegartyMaths_GCSE_Revision_Crossover.pdf https://s3-eu-west-1.amazonaws.com/aws-hegartymaths/resources/HegartyMaths_GCSE_Revision_Foundation.pdf	
Summer 2	Statistics: <ul style="list-style-type: none">• Mean• Mode• Median• Range Geometry: <ul style="list-style-type: none">• Area• Volume• Surface area• Perimeter	https://s3-eu-west-1.amazonaws.com/aws-hegartymaths/resources/HegartyMaths_GCSE_Revision_Crossover.pdf https://s3-eu-west-1.amazonaws.com/aws-hegartymaths/resources/HegartyMaths_GCSE_Revision_Foundation.pdf	