

## Maths: Home Learning & Assessment Policy Summary

<b>Maths: Year 9 Autumn Term (Preparation for GCSE)</b>					
<b>Topic</b>	<b>Assessment</b>	<b>Preparation</b>	<b>Revision</b>	<b>Extension</b>	<b>Play</b>
Loci	Assessment WB 4 <sup>th</sup> November	Topics can be researched on Hegarty Maths. Ask your teacher for video reference numbers.	Mandatory Homework Tasks:  Constructions and Loci – page 9	Hegarty Maths – watch video 679	Herd sheep! <a href="https://www.transum.org/Software/loci/Herding.asp">https://www.transum.org/Software/loci/Herding.asp</a>
Factors, multiples and primes	Assessment WB 4 <sup>th</sup> November	Topics can be researched on Hegarty Maths. Ask your teacher for video reference numbers.	Mandatory Homework Tasks:  Factors and Multiple – pages 18 and 19 LCM and HCF – pages 20 and 21	Hegarty Maths – watch videos 167	Factor pair up <a href="https://www.mathplayground.com/factor_pair_up.html">https://www.mathplayground.com/factor_pair_up.html</a>
Fractions	Assessment WB 4 <sup>th</sup> November	Topics can be researched on Hegarty Maths. Ask your teacher for video reference numbers.	Mandatory Homework Tasks:  Fractions 1 – pages 30 and 31 Fractions 2 – pages 32 and 33	Hegarty Maths – watch videos 172	Cheese and onion pies <a href="https://www.transum.org/Software/sw/Starter_of_the_day/Students/Fraction_line/sort.asp">https://www.transum.org/Software/sw/Starter_of_the_day/Students/Fraction_line/sort.asp</a>
Collecting and Representing Data	Assessment WB 4 <sup>th</sup> November	Topics can be researched on Hegarty Maths. Ask your teacher for video reference numbers.	Mandatory Homework Tasks:  Sampling and Collecting Data – pages 46 and 47 Mean, Median, Mode and Range – pages 48 and 49 Simple Charts and Graphs – pages 50 and 51  Practice Questions to prepare for assessment to be completed at home	Hegarty Maths – watch video 421	Five digits <a href="https://www.transum.org/Software/SW/Starter_of_the_day/starter_November9.ASP">https://www.transum.org/Software/SW/Starter_of_the_day/starter_November9.ASP</a>
Transformations	Assessment WB 4 <sup>th</sup> November	Topics can be researched on Hegarty Maths. Ask your teacher for video reference numbers.	Mandatory Homework Tasks:  The Four Transformations 1 – pages 62 and 63 The Four Transformations 1 – pages 62 and 63	Hegarty Maths – watch video 656	Interactive transformations <a href="https://www.transum.org/software/SW/Starter_of_the_day/Students/Transformations/Draw.asp">https://www.transum.org/software/SW/Starter_of_the_day/Students/Transformations/Draw.asp</a>

Powers and Roots	Assessment WB 2 <sup>nd</sup> February	Topics can be researched on Hegarty Maths. Ask your teacher for video reference numbers.	Mandatory Homework Tasks:  Powers and Roots – pages 72 and 73	Hegarty Maths – watch video 104	Indices True or False? <a href="https://www.transum.org/Maths/Activity/Algebra/Indices.asp">https://www.transum.org/Maths/Activity/Algebra/Indices.asp</a>
Standard Form	Assessment WB 2 <sup>nd</sup> February	Topics can be researched on Hegarty Maths. Ask your teacher for video reference numbers.	Mandatory Homework Tasks:  Standard Form – pages 80 and 81	How many ways can you write 1 million? <a href="https://www.mathspad.co.uk/teach/worksheets/standardForm/millionPuzzles.php">https://www.mathspad.co.uk/teach/worksheets/standardForm/millionPuzzles.php</a>	Interactive Standard Form Activity <a href="https://www.mathspad.co.uk/teach/worksheets/standardForm/millionPuzzles.php">https://www.mathspad.co.uk/teach/worksheets/standardForm/millionPuzzles.php</a>

\*All homework tasks are printed after each topic in exercise books