

Topics in this cycle:	Taught: Spring 1	Year Group: 7
Key knowledge/concepts to be learnt ('Tell me about....')		Websites/blogs/YouTube links and further reading to deepen and consolidate learning
<p><u>Solving problems with addition and subtraction:</u></p> <ul style="list-style-type: none"> • Mental addition and subtraction • Written methods for addition/subtraction of integers/decimals • Solve perimeter/money problems • Frequency Trees • Solving problems from Tables/Timetables/Bars/Charts <p><u>Solving problems with multiplication and division/Fractions and percentages of amounts:</u></p> <ul style="list-style-type: none"> • Factors and multiples • Multiply/divide by powers of 10 (then 0.1 and 0.01) • Convert metric units • Multiply integers/decimals • Divide integers/decimals • BIDMAS • Solve area problems (rectangles/parallelograms) • Solve area problems (triangles/trapezia) • Find fraction/percentage of amounts 		<p> https://vimeo.com/490892938 https://vimeo.com/491672240 https://vimeo.com/491672453 </p> <p> https://vimeo.com/461311096 https://vimeo.com/499607473 https://vimeo.com/499608079 https://vimeo.com/490690764 https://vimeo.com/490691239 https://vimeo.com/465421787 </p>

Home-School Learning Collaboration – Mathematics

Key Vocabulary and Definitions To Be Learnt		What Will The Assessment Look Like?
Equivalence	The same in value	
Inverse operation	Inverse of addition is subtraction; inverse of division is multiplication...	
Difference	To find the difference between amount, you use subtraction	
Equation	A mathematical statement with '=' sign	
Mental methods	Ways of calculating in head	
Profit	A positive difference between a final and an original amount	Family Learning Opportunities
		<p>Let's look at solving problems from tables and charts: https://vimeo.com/491672436</p> <p>Can you solve area problems? https://vimeo.com/503502978</p>