

# Home-School Learning Collaboration – Mathematics

<b>Topics in this cycle:</b>	<b>Taught:</b> Spring 2	<b>Year Group:</b> 8
<b>Key knowledge/concepts to be learnt ('Tell me about....')</b>		<b>Websites/blogs/YouTube links and further reading to deepen and consolidate learning</b>
<p><b><u>Fractions and Percentages:</u></b></p> <ul style="list-style-type: none"> <li>Fractions, Decimal, Percentage conversion</li> <li>Finding FDP of amounts without a calculator</li> <li>Finding FDP of amounts with a calculator</li> </ul> <p><b><u>Standard Form/Number sense</u></b></p> <ul style="list-style-type: none"> <li>Investigate positive and negative powers of 10</li> <li>Compare/order numbers in Standard Form</li> <li>Calculate with numbers in Standard Form</li> <li>Rounding</li> <li>Estimating answers/money problems</li> <li>BIDMAS</li> <li>Converting units of lengths</li> </ul>		<p> <a href="https://vimeo.com/492449530">https://vimeo.com/492449530</a>  <a href="https://vimeo.com/507639642">https://vimeo.com/507639642</a>  <a href="https://vimeo.com/505246845">https://vimeo.com/505246845</a> </p> <p> <a href="https://vimeo.com/519965759">https://vimeo.com/519965759</a>  <a href="https://vimeo.com/519967116">https://vimeo.com/519967116</a>  <a href="https://vimeo.com/519967527">https://vimeo.com/519967527</a>  <a href="https://vimeo.com/525460054">https://vimeo.com/525460054</a>  <a href="https://vimeo.com/525458276">https://vimeo.com/525458276</a> </p>

# Home-School Learning Collaboration – Mathematics

Key Vocabulary and Definitions To Be Learnt		What Will The Assessment Look Like?
<b>Index</b>	It tells you how many times a number (base) needs to be multiplied by itself	
<b>Power</b>	Another word for index	
<b>Exponent</b>	Another word for index	
<b>Standard Form</b>	Is used to write miniscule and	
<b>Numerator</b>	Tells you how many parts we are interested in	
<b>Denominator</b>	Tells you how many equal parts something was split into	<b>Family Learning Opportunities</b>
<b>Equivalent</b>	The same in value	
		<p>Find out why we use need Standard Form:  <a href="https://youtu.be/uaGEjrADGPA">https://youtu.be/uaGEjrADGPA</a></p> <p>Explore converting of units of area:  <a href="https://vimeo.com/526174362">https://vimeo.com/526174362</a></p>