

# Mathematics Home Learning Plan

Year 7 – Summer 2






All websites can be accessed via PC, laptop, tablet or mobile phone

Week Commencing 15<sup>th</sup> June 2020

Hegarty Maths: [www.hegartymaths.com](http://www.hegartymaths.com)

Topic: The range and averages problems

*No access? No problem! Find the topic in your textbook, make some notes and answer the questions.*

	 Activate	 Explain	 Practice	 Reflect	 Review
<b>Lesson 1</b> <b>Key Learning Point:</b> <ul style="list-style-type: none"> <li>To learn what the range is and how to work it out.</li> </ul>	<p>The range is often used in sports so it is time to test your jumping ability. Measure how far each member from your house can jump in a straight line and record your findings. Who could jump the furthest? Who could jump the least? What was the difference? Compare your house's results with 3 friends.</p>	<p>Watch the Hegarty video number 410. Ensure you write down the definitions for the key word "range", the formula for calculating the range, the four sentences about how the range relates to the consistency of the data and three examples in your exercise book.</p>	<p>Complete the Hegarty task 410 in your Maths book. Be careful with the final question as this one is a problem solving question, just like Mr. Hegarty showed you in the video.</p>	<p>Mark your quiz with the answers and ensure you score your work with the percentage correct you achieved. Correct any questions you got wrong.</p> <p>What type of data could the range not be calculated for?</p>	<p>Time to practice your angles skills, go the <a href="#">Angles and Triangles</a> test on bbc bitesize and give it a go, can you get all 10 correct?</p>
<b>Lesson 2</b> <b>Key Learning Point:</b> <ul style="list-style-type: none"> <li>Learn how to pick which average is the best average to use in different situations.</li> </ul>	<p>Make sure you can remember all three averages and how to work out the range. Test yourself by writing down how to find the mode, mean, median and range (without checking back in your notes) ☺</p>	<p>Watch the Hegarty video number 413. Ensure that you copy down the table of the positives and negatives of the three averages and at least one example in your exercise book.</p>	<p>Complete the Hegarty task 413 in your Maths book.</p>	<p>Mark your quiz with the answers and ensure you score your work with the percentage correct you achieved. Correct any questions you got wrong.</p>	<p>Complete a MemRi task to test what you have remembered.</p>