

# Mathematics Home Learning Plan

Year 7 – Summer 2






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

Week Commencing: 8<sup>th</sup> June 2020

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

Topic: Mean Problems and the Median

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

	 <b>Activate</b>	 <b>Explain</b>	 <b>Practice</b>	 <b>Reflect</b>	 <b>Review</b>
<b>Lesson 1</b> <b>Key Learning Point:</b> <ul style="list-style-type: none"> <li>Learn how to find the mean of two combined data sets</li> </ul>	<p>To practice calculating the mean you will need to collect some data. Contact 10 friends and work out one of the following:</p> <ul style="list-style-type: none"> <li>Mean number of siblings</li> <li>Mean height</li> </ul> <p>Mean number of hours of learning on Hegarty Maths</p>	<p>Watch Hegarty Maths video 408. Ensure you copy down all of the examples from the video.</p>	<p>Complete Hegarty Maths video 408 – Mean (4) in your exercise book. Show all of your working and do not use a calculator.</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>Can you think of a situation when the mean average might not be suitable to use? Write an explanation in your exercise book.</p>	<p>Complete a MemRi task to test what you have remembered from recent topics you have studied.</p>
<b>Lesson 2</b> <b>Key Learning Point:</b> <ul style="list-style-type: none"> <li>Learn what the median is and how to work it out.</li> </ul>	<p>Copy and complete the rhyme in your exercise book from the YouTube video you watched last week.</p> <p><i>Hey Diddle Diddle  The median is the ____  Add then ____ for the ____  The ____ is the one that appears the ____  And the range is the ____ between.</i></p>	<p>Watch Hegarty Maths video 409. Ensure you write the definition of the median and how calculating the median is different for data sets that contain odd and even number of items.</p>	<p>Complete Hegarty Maths video 409 in your exercise book. Make sure you write the lists of data out in ascending order to help you calculate the median correctly.</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 from recent topics you have studied.</p>