

**If you are in 8P4, 8P5, 8P6, 8Q4 or 8Q5 please use links from the left hand column (Foundation skills) and middle column (Core Skills).**

**If you are in in 8P1, 8P2, 8P3, 8Q1, 8Q2 or 8Q3 please use links from the middle column (Core Skills) and right hand column (Mastery)**

Every student in Year 8 has been added to Teams by their maths teacher. Each week we will post in Teams to let you know which particular part of the home learning you should focus on and we will set a task every week to assess your learning. You should also use Teams to contact your teacher for help if you need to.

The list below is a guide to what you would normally learn in the last half term if you were in school. Your teacher will be thinking very carefully about what they will ask you to do from this list and we may include some consolidation/revision of things you covered earlier in the year. It is important that you check your school email regularly and log into Teams so that you receive all relevant information and tasks for your class.

	Higher Groups 1,2,3	
Foundation Groups 4,5,6		
Foundation Skills	Core Skills	Mastery
<p>Graphs: pictograms (draw and interpret) <a href="#">Video 161</a> <a href="#">Video 162</a> <a href="#">Textbook Exercise</a> <a href="#">Textbook answers</a></p> <p>Graphs: bar charts (draw) <a href="#">Video 147</a> <a href="#">Textbook Exercise</a> <a href="#">Textbook answers</a></p> <p>Graphs: bar charts (reading) <a href="#">Video 148</a> <a href="#">Textbook Exercise</a> <a href="#">Textbook answers</a></p> <p>Tally charts <a href="#">Video 321</a> <a href="#">Textbook Exercise</a> <a href="#">Textbook answers</a></p> <p>Test style questions on the above topics:</p>	<p>Graphs: pie charts (draw) <a href="#">Video 163</a> <a href="#">Practice Questions</a> <a href="#">Textbook Exercise</a> <a href="#">Practice Questions answers</a> <a href="#">Textbook answers</a></p> <p>Graphs: pie charts (interpret) <a href="#">Video 164</a> <a href="#">Practice Questions</a> <a href="#">Textbook Exercise</a> <a href="#">Practice Questions answers</a> <a href="#">Textbook answers</a></p>	<p>Graphs: conversion graphs (draw) <a href="#">Video 151</a> <a href="#">Textbook Exercise</a> <a href="#">Textbook answers</a></p> <p>Graphs: conversion graphs (interpret) <a href="#">Video 152</a> <a href="#">Textbook Exercise</a> <a href="#">Textbook answers</a></p> <p>Test style questions on the above topics: <a href="#">Practice Questions</a> <a href="#">Practice Questions answers</a></p>

<p><a href="#">Practice Questions answers</a>   <a href="#">Practice Questions</a></p>		
	<p>Tables: two-way tables <a href="#">Video 319</a> <a href="#">Practice Questions</a> <a href="#">Textbook Exercise Practice Questions answers</a> <a href="#">Textbook answers</a></p> <p>Complete tables representing grouped data <a href="#">Video</a> <a href="#">Practice exercise</a></p> <p><a href="#">Interpret</a> and <a href="#">complete</a> simple Venn diagrams For Year 8, the first 7 mins 20 seconds of this <a href="#">Video 380</a> is a good introduction. The rest of the video covers some notation that students don't need to know about until GCSE</p>	<p>Here are some problem solving questions involving Venn diagrams and two-way tables:</p> <p><a href="#">Venn diagrams word problems</a> <a href="#">Two-way table word problems</a></p> <p>Optional Extension – <a href="#">harder word problems</a></p>
	<p>Revision of mode, mean, median and range (include decimals and negatives):</p> <p>Averages: median <a href="#">Video 50</a> <a href="#">Textbook Exercise Textbook answers</a></p> <p>Averages: mean <a href="#">Video 53</a> <a href="#">Textbook Exercise Textbook answers</a></p> <p>Averages: mode <a href="#">Video 56</a> <a href="#">Textbook Exercise Textbook answers</a></p> <p>Averages: range <a href="#">Video 57</a> <a href="#">Textbook Exercise Textbook answers</a></p> <p>Test style questions on the above topics: <a href="#">Practice Questions</a> <a href="#">Practice Questions answers</a></p> <p>Using averages to make simple comparisons between two groups/sets of data <a href="#">Explanatory PowerPoint</a> <a href="#">Video</a> <a href="#">Textbook exercise</a></p>	<p>Some problem solving involving <a href="#">Reverse average problems</a>. Many problems can be solved intuitively, but here is a <a href="#">video</a> that may help you on reverse mean problems.</p> <p>Calculating averages from a frequency tables: Averages: mean (frequency table) <a href="#">Video 54</a> <a href="#">Practice Questions</a> <a href="#">Textbook Exercise</a> <a href="#">Practice Questions answers</a> <a href="#">Textbook answers</a></p> <p>Averages: median (frequency table) <a href="#">Video 51</a> <a href="#">Practice Questions</a> <a href="#">Textbook Exercise</a> <a href="#">Practice Questions answers</a> <a href="#">Textbook answers</a></p> <p>Averages: mean (estimated) from grouped data <a href="#">Video 55</a> <a href="#">Practice Questions</a> <a href="#">Textbook Exercise Practice Questions answers</a> <a href="#">Textbook answers</a></p>