**Physics A level Pre course preparation – summer 2020**

 On these pages you will find the equations used throughout the whole course. This is all information extracted from the sheet you get given in the exam – you do not need to learn any of them! But you do need to know what they are about – what the letters stand for, the units etc. Your task is to research and write about as many of these equations as you can. Many are from GCSE (but sometimes in a different shape ( and with ‘change in’ signs)) so you can do those easily. Others will require research. The boxes in the table can be expanded so you can include details as to what the equations are used for as well. This task is quite open ended, so you can decide how far you go with it but it will be a useful aid throughout the course. This task will also give you a feel for the whole content of the course, so you will be able to track how we are progressing over the two years. I suggest you do not work down in order, but dart about doing the easiest first and expanding the table as you fill it in. You do not have to finish!

At the top I include the constants – not for you to write about, but so you can see what they, are when they appear in the equations



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