

AP Chemistry Summer Assignment

Review chapters 1-4. Chapter 4 sections 9 and 10 will be covered when we come back to school. It will be helpful to read these sections to prepare for your return to class.

I will expect you to read the book. The book contains a breadth of information that we cannot cover in class.

I have included study guides for you to use as supplements to the material in the book. The problems in the study guides are easier than the book and will prepare you for the book problems.

The following problems need to be completed before the first day of school. Always write what is given, what is asked for and equations, if needed. Remember dimensional analysis and use units in your answers where needed.

If you do not understand some of the material, or maybe you never have seen it, we will review it briefly in August.

If you have questions feel free to email me prasad_gerard@mcpsmd.org. I will be checking my email periodically over the summer. I also encourage you to start forming study groups to do these and future problems.

Chapter 1: pp 30-37 problems 21, 24, 27-38, 53-56, 69-71 and 84

Chapter 2: pp 69-75 problems 22-24, 29, 43-45, 49, 55-60, 69, 70 and 73

Chapter 3: pp 115-125 problems 33-37, 47-52, 58-61, 68-71, 80, 83, 84, 89-92, 101, 102 and 126

Chapter 4: pp 170-177 problems 9-12, 17, 18, 23-26, 33, 34, 35-38, 42, 51-53, 55-57, 64 and 65