

At the end of CHEM I, we had just finished the SL portion for topic 6, kinetics. In this unit, we learned about experimentally measuring the rates of reactions, graphing the rates of reactions, and looking qualitatively at the factors that affect these rates. The HL portion for kinetics is focused more on quantitative determinations of the rates of reactions. This includes calculating the activation energy (E_a) for reactions based on experimental data.

Book readings-- read and take notes.

Zumdahl

Pages 545-577. Note that you **do not** need to know half-life kinetics for IB CHEM, though this is an extremely important topic for both IB physics and biology. I am unclear and thoroughly confused as to why this is not covered in the IB CHEM syllabus.

Supplemental Videos-- *not required*

<https://www.youtube.com/playlist?list=PL816Qsrt2Os14qTEFcXCY38rHb6BObTxh>

Problem Set attached.