

# *AP Chemistry*

## Thermodynamics Assignment Sheet

<b>Date</b>	<b>In Class</b>	<b>Assignment</b>
1/2	<b>Vacation work due</b> POGIL: Entropy	Start CALM Chapter 19 problems 19.1-19.7, 19.13
1/3	POGIL: Free Energy and Chemical Equilibrium	Carefully read p. 830 in text—write a 3-5 sentence summary
1/4 Dr V out	ALE: Introduction to Complex Ion Reactions	AP Classroom assignment before class begins on 1/9 Finish CALM by 9 pm on 1/8
1/7 Long G	Chapter 19 Problem Set MCQ practice	Chapter 19 summary card (turn in on day of test)
1/8 Long A	Review Gibb's free energy Ch. 19 problem set	
1/9	Chapter 19 wrapup/review	Study for chapter 19 test
1/10	Chapter 19 Test	Prelab assignment for buffers minilab
1/11	Buffers minilab	Read/highlight chapter 20 outline
1/14	Review balancing redox reactions Start voltaic cells	Finish buffers minilab

### Helpful Resources:

- Go to <http://chemed.chem.purdue.edu/genchem/topicreview/bp/ch21/gibbs.php> and complete practice problems 6-11 then check your answer!
- <http://www.chem.fsu.edu/chemlab/chm1046course/gibbs.html>
- <http://www.shodor.org/unchem/advanced/thermo/> good reference materials
- <http://www.chem1.com/acad/webtext/thermeq/TE4.html>