Chemistry 3752, Advanced Chemistry

2005-2006 2nd Semester

WEEK 12	•Session #1	•Session #2	•Session#3	•Session#4	•Session#5
Objectives	○Given Notes and hand drawn diagram SWBAT draw a Heating/Cooling Curves in their bulkpack to 95%.	○Given Lecture Notes on Phase Diagrams in bulkpack and diagram pictures, SWBAT determine which section is which and determine which process is associated a change in temperature/pressure.	○Given information on Phase diagrams, SWBAT complete a practice problem of drawing their own phase diagram on a piece of paper to 75%.	○More Practice ○Review Sheet for weekend	○NO SCHOOL-BENCHMARKS
PA Standards	○3.4.12.B	○3.4.12.B	○3.4.12.B	○3.4.12.B	○NO SCHOOL-BENCHMARKS
Techniques & Strategies	○Preclass ○Explain definition of heating/Cooling Curve ○Have students turn to "large" diagram in bulpack to draw their own. (provided markers and **link the chart to the two equations used** ○**Guided: Heating Curve** ○**Independent: Cooling Curve** ○Chart of formulas and curves (bulkpack) ○Guided Practice (bulkpack) ○Independent practice (#2 under Phase Change)	○Preclass ○Go over HW ○Phase Change notes ○(supplemental handout if necessary on Critical Pressure and Temp) ○Guided Practice questions in bulkpack ○Independent practice problem (powerpoint) ○Start HW "Phase Diagram"	❖ Preclass ❖ Go over HW ❖ Independent practice (bulkpack) #5 under Phase Change (10 pts turn in) ❖	❖ Preclass ❖ Practice with phase diagrams and using formulas ❖ Review sheet in class ❖	○NO SCHOOL-BENCHMARKS
Assessment & Exit Strategies	○	○. Lab Report Due by 4pm	•	•	○NO SCHOOL-BENCHMARKS
Homework	○Finish Lab Report ○"Freezing and Boiling Point Graph"	○"Phase Diagram"	• Lab Reports (Late)	• Review Sheet	○NO SCHOOL-BENCHMARKS
Mods	○	○	•	•	○NO SCHOOL-BENCHMARKS
Notes/ Materials	○a	○		**Mon-Go over Review Tues-Test**	○NO SCHOOL-BENCHMARKS