

Math 621 Seminar in Teaching Elementary/Middle School Mathematics
Course Content Outline

Current Textbook: *Elementary and Middle School Mathematics: Teaching Developmentally, 9th Ed.* Boston, MA: Pearson Custom Education, Inc. Van de Walle, John A., Karen S., and Bay-Williams, Jennifer. (2012).

For these assignments, "**VdW**" refers to the Van de Walle textbook and "**CP**" refers to the appropriate sections in the Math 621 Course Packet (written and/or compiled by Michael Krach). For example, for 1/31 and 2/, read Chapters #2 and #3 in "**VdW**" and the "**Problem Solving**" chapter in "**CP**" (Chapter #1).

<u>Weeks</u>	<u>Activities/Discussion</u>	<u>Assignment</u>
1 and 2	Problem Solving	VdW: # 2, #3 CP: #1
3	Pedagogical Issues	VdW: #1, #4, #5, #6, & #7 CP: #2
4 and 5	Geometry	VdW: #20 CP: #3
6	Measurement	VdW: #19 CP: #4
7 and 8	Number Sense	VdW: #8, #9 CP: #5
9 and 10	Whole Numbers	VdW: #10, #11, #12, & #13 CP: #6
11 and 12	Fractions & Decimals	VdW: #15, #16, #17 & #18 CP: #7
13	Graphing, Probability & Statistics	VdW: #21, #22 CP: #8
14 and 15	Topics in Algebra & Lesson Plans	VdW: #14 & #23 CP: #9

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