

Science Vertical Team

6th - 12th Grade



2004-2005

- Summer AP Vertical Team Training
 - Joined with Math Teachers
 - Back Mapped MN Science Standards
- Began Discussion of Science Skills Desired at Each Grade Level
 - Focus on Scientific Method
- Error Analysis – High Level Skill
 - How would results change if...?
- MN Science Standards
 - Adjustments to Curriculum

2005-2006

- MCA-II Science Tests
 - 5th, 8th, and 10th Grades
 - “Counts” in 2008
 - Brought in MDE Science Assessment Specialists
 - Scenario Based
 - First MCA-II Test to be Computer Based



2005-2006 continued

- Concern with 6th, 8th, and 9th grade science curriculum and alignment to the MN Science Standards




- Past:

- 6th – Earth Science (8th Grade Standards)
- 8th – Physical Science (6th Grade Standards)
- 9th – Earth Science (8th and 9th-12th Grade Standards)

- Fall of 2008:

- 6th – Physical Science (6th Grade Standards)
- 8th – Earth Science (8th Grade Standards)
- 9th – Physical Science (9th-12th Grade Standards)



2006-2007

- AP Science Vertical Team Training in July 2007
- 742's Big 7 Science Skills
 - Experiment (Inquiry) Skills
 - Lab and Field Skills
 - Reading in Science
 - Writing in Science/Six Traits
 - Math Skills
 - Listening and Note Taking Skills
 - Problem Solving/Reasoning Skills



2006-2007 continued

- Big 7 Math Subskill Training
 - Graphing with focus on Independent versus Dependent Variables

2007-2008

- Implement, Edit, and Improve the "Big 7 Science Skills"
- Continue to Provide Training for Specific Subskills

