

2010 Silver State AP Summer Institute for Teachers

Pre-AP Mathematics and Vertical Teams
Syllabus

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Reference: AP Vertical Teams Guide for Mathematics and Statistics (copyright 2006)

Day One

Achieving Equity
How Does the Advanced Placement Program Inform Instruction?
Goals of Advanced Placement Mathematics
Adapting AP Calculus and AP Statistics problems

Day Two:

AP Mathematics Vertical Teams
Curriculum Alignment and Vocabulary Coordination
The Concept of Proportionality
Proportionality Activities

Day Three:

Rate of Change and the Concept of Functions
Multiple Representations of Mathematics
Developing Statistical Thinking

Day Four:

Creating a Rich Learning Environment
Assessing Student Learning with Formative Assessment
Team Sharing and Plans