



# ALPINE SCHOOL DISTRICT

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## MEMO

Date: March 10, 2009

To: Secondary Administrators & Counselors

From: Mari Braithwaite, Director of K-12 Curriculum- Credit Review  
Aleen Ure, Director of K-12 Curriculum-Math  
Kenley Brown, Secondary Math Specialist

Subject: Math Requirements & Stretch Algebra Program

Cc: Barry Graff, Administrator of Educational Services; Gary Seastrand, Asst. Superintendent of Educational Services

Attachments: Math Flow Chart

We would like to clarify the math graduation requirements beginning with the class of 2011.

Students must complete 2 math core credits and 1 applied/advanced credit beginning in the 9<sup>th</sup> grade. Students should successfully complete a natural progression in mathematics. (See attached flowchart). Therefore, appropriate placement each year should be of primary concern. Students who have successfully completed the algebra 1 course with an A or B and scored at least a 3 or 4 on the CRT should move on to next math course. However, if a student takes algebra 1 in 8<sup>th</sup> grade, it may be repeated in 9<sup>th</sup> grade and given math core credit, if a student, teacher, parent, and counselor feel that the student needs additional time and skill building in order to successfully complete the graduation requirements.

The intent of the stretch algebra program was to provide struggling students with additional time to solidify the essential math skills necessary for more advanced math courses. Therefore, Algebra 1A should be taught in 9<sup>th</sup> grade, earning 1 credit (applied/advanced credit). A math support class may accompany this, but it will give elective credit only. Algebra 1B should be taught in 10<sup>th</sup> grade, earning 1 credit (math core credit). If the feeder high school is not offering Algebra 1B, then the student should be placed in a regular Algebra 1 class to complete the math core credit. It is expected then that during the 11<sup>th</sup> grade year, the student would take geometry, earning the final math core credit.