

Sequence for High School Course - Mathematics

Grade	Course	Credit	Comments
7 th 2006-2007	Pre-Algebra		2006-07 New course selection – Some students struggling with the change of course. Possible suggestions: <ol style="list-style-type: none"> 1. Take Algebra I (2007-08) even if Pre-Algebra book not completed. 2. Continue in 8th grade (2007-08) where left off in Pre-Algebra book. 3. If Pre-Algebra is completed during the course of this year, go into Algebra I book.
2007-2008	Pre-Algebra		All students taking Pre-Algebra. This is in place.
8 th 2006-2007	Pre-Algebra or Algebra	1 credit for Algebra I if end of course assessment passed	See comments above for 2007-08
2007-2008	Probable – many in Pre-Algebra		Algebra I end of course assessment is presently being piloted. It will be available May 2007. All students 6 – 8 presently in Algebra I MUST pass the assessment to advance to Geometry. A Secondary Credit Assessment (SCA) was made available from MDE in May 2008. Possible: Students not successfully passing the Algebra I assessment, could possibly be put into and “Advanced” Algebra I class at the comprehensive high school. Discussion needed on this area. Discussion/Decision - Do present 9 th grade Algebra I students take and pass end of course assessment. Students may “test” out of math courses without taking the course by successfully completing the end of year assessments
2008-2009	Algebra I		All students taking Algebra I. Support is in place through Strategic Math classes for students. Approximately 20 middle school math teachers are participating in the SVSU MSMPA grant (Middle School Mathematics Partnership for Algebra) to expand their toolbox of instructional strategies and Algebra I activities.
9 th 2007-2008	Algebra I or Geometry	1 credit if end of course assessment passed	Must pass Algebra I or Geometry end of course assessment Geometry end of course assessment is presently being piloted. It will be available May 2007. A Secondary Credit Assessment (SCA) was made available from MDE in May 2008. Discussion/Decision – Do we have present Geometry students take and pass the assessment? Students may “test” out of math courses without taking the course by successfully completing the end of year assessments.
10 th 2008-2009	Geometry or Algebra II	1 credit if end of course assessment passed	Must pass Geometry or Algebra II end of course assessment ALL students must take Algebra II. Modifications to Algebra II (Personal Curriculum – To be made by parent/guardian, student and counselor) <ol style="list-style-type: none"> 1. Completes 2.5 credits including .5 credit of Algebra II 2. Complete a two year CTE curriculum which includes .5 credit of Algebra II content 3. Complete Algebra II over 2 years with credit given for each year (would have to have a way to distinguish this from Algebra II taken over 1 year.) Students may “test” out of math courses without taking the course by successfully completing the end of year assessments
11 th 2009-2010	Algebra II or Pre-Calculus or one of listings on senior year	1 credit if end of course assessment in Algebra II passed	Students may “test” out of math courses without taking the course by successfully completing the end of year assessments

<p>12th 2010-2011</p>	<p>(Choice but mandatory) Trigonometry Statistics Pre-Calculus Calculus Applied Math Business Math Accounting Personal Finance Consumer Math General Math Algebra II retake Pre-Algebra *Physics District approved college credit</p>	<p>1 credit</p>	<p>Available materials: Pre-Algebra, Algebra I, Geometry, Algebra II, Pre-Calculus and some Calculus Books. Discussion/Decision (possible 3rd year and) 4th year offerings. Possible texts needed to purchase: Trigonometry, Statistics & Probability, Applied Math, Accounting, Business Math (other suggestions) Highly Qualified: Accounting – Must have business GX (phasing out) or GQ degree. Senior year of math required for ALL students. Need definition of Applied Math and Business Math Personal finance (a second Economics class) can count towards math credit (Not the state required economics class) *Physics – Senior year can count towards Math credit (if successfully completed 3 credits of science other than Physics). Students may “test” out of math courses without taking the course by successfully completing the end of year assessments.</p>
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