

WMS+ Math Scope and Sequence Information—Spring, 2009

The information provided below is for parents and students to become familiar with the typical progression of math courses from 6th grade through 12th grade. Our goal at Walsh Middle School is to provide students with the most challenging curriculum in math. However, acceleration of math is provided *for those students who are developmentally ready*. For many students, math is a very difficult course in which to accelerate. For example, the second semester of 6th grade accelerated math and the full year of Algebra I seem to be particularly challenging times for some students. There is a waiver available for accelerated math. *The following table represents a typical continuum of math classes for Walsh Middle School and Round Rock High School.*

6 th grade	7 th grade	8 th grade	9 th grade	10 th grade	11 th grade	12 th grade
Regular 6 th	Regular 7 th	Regular - 8 th	DB Algebra I →	DB Geometry →	Mathematical Models →	Algebra II
			OR	OR	OR	OR
			Algebra I → <i>DB means Double Block</i>	DB Geometry → <i>DB means Double Block</i>	Mathematical Models →	Algebra II
				Geometry →	Mathematical Models →	Precalculus and/or AP Statistics
Accel 6 th	Accel 7 th →	Algebra I →	Geometry →	Algebra II →	Precalculus →	AP Calculus AB and/or AP Statistics
		OR				
	Regular 8 th →	Algebra I →	Algebra I →	Geometry →	Algebra II →	Precalculus and/or AP Statistics
	*TAG 7 th →	Algebra I →	Geometry →	Algebra II →	Precalculus →	AP Calculus AB and/or AP Statistics
		OR	Pre-AP Geometry →	Pre-AP Algebra II →	Pre-AP/IB Precalculus →	AP/IB Calculus BC and/or AP Statistics
		*TAG Algebra I →	*TAG Geometry →	*TAG Algebra II →	**IB/*TAG Precalculus →	**IB/*TAG Calculus BC and/or AP Statistics
*TAG 6 th	*TAG 7 th →	Algebra I →	Pre-AP Geometry →	Pre-AP Algebra II →	Pre-AP/**IB Precalculus →	AP/**IB Calculus BC and/or AP Statistics
		OR				
	*TAG Algebra I →	*TAG Algebra I →	*TAG Geometry →	*TAG Algebra II →	**IB/*TAG Precalculus →	**IB/*TAG Calculus BC and/or AP Statistics
	*TAG Algebra I →	*TAG Geometry →	*TAG Algebra II →	**IB/*TAG Precalculus →	**IB/*TAG Calculus BC and/or AP Statistics	
	*TAG Algebra I →	*TAG Geometry →	*TAG Algebra II →	**IB/*TAG Precalculus →	**IB/*TAG Calculus BC and/or AP Statistics	AP Statistics

* To be enrolled in the TAG program at any point in the continuum requires that a student meet the entry qualifications of the TAG program. If a student does not qualify for TAG, he/she may be placed in TAG classes at Walsh per certain criteria.

** To register for an IB class in the continuum requires that a student meet the entry qualifications of the IB program.

Information for parents/guardians to consider:

Beginning with the freshman class of 2007-2008, four years of high school math and science are required for graduation. Successful completion of Algebra I in the middle school will count as one of the four years of math required under the Recommended Plan. However, under the Distinguished Achievement Plan, students must take a math course each year they are in grades 9 to 12, and the fourth math credit must be a course for which Algebra II is a prerequisite.

• **High school classes**—Students who move rapidly through the math curricula will be in high school courses with older students. The highest level calculus class offered in high school is AP Calculus BC. If a student takes this calculus class before his/her senior year, they cannot take the next calculus class in the sequence until their freshman year in college.

• **Tutoring**—If consistent tutoring is necessary to keep these students in an accelerated course, the placement into the program may need to be reconsidered.