



Principals' Training Center PTCnet Survey

Topic Math Programs

Queries 1. What math program does your school use in the early years? 2. When do you begin to track students? 3. What concepts do you teach in grades 6, 7 and 8? 4. Do you focus on particular math concepts or do you use a more generalist approach in MS?

Date June 22, 2011

Query Submitted and collated by Sue Williams Director of Curriculum and Staff Development American School of the Hague

Total number of responses 11

Individual responses

School	1. What math program does your school use in the early years	2. When do you begin to track students?	3. What concepts do you teach in grades 6, 7 and 8?	4. Do you focus on particular math concepts or do you use a more generalist approach in MS?
AIS Lusaka	elementary - Bridges with the Number Corners component middle school - McDougal Littell	start tracking in G8 but starting next year, they will not track until 10 or 11	Not sure-lots of fractions	
ASFoundation of Monterrey	EDM K-6 We have created our own scope and sequence, grade by grade and unit by unit pacing guide, as well as grading matrices to help teachers know what is critical in the spiral. We do not get through the whole program in any grade except kinder. We have built our own	grade 9	7 th -pre-algebra 8 th -Algebra 9 th -Geometry	



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	enrichment units for every unit K-5, based on the same topics of each unit.			
UWCSEA East			International Math in 6, 7 and 8	
IS Kenya	Everyday Math (and yes, the issues you mentioned are a concern, we have dedicated 60 min. per day for math and we do not teach the US standard units of measure and we can usually get through 95% or more of it. Our results are much better than previously, but we don't have a HUGE number of EAL students (maybe 10%).	Until now we have tracked in gr. 7 but now we are going to begin in gr. 9	We use the UCSMP program in MS but it has been less successful but mostly because we tend to use a more traditional approach as opposed to a more 'application'/'think about the why' approach.	We are moving next year to a more integrated approach instead of the traditional gr. 7 pre-algebra and gr. 8 Algebra. WE found the students' geometry and data skills very weak.
ICS Addis	Everyday Math to Grade 6	grade 7	McDougal Littell textbooks beginning in Grade 7 (either Course 2 or Pre-Algebra for grade 7 and Pre-Algebra or Algebra I for grade 8). The high school continues through Geometry, Algebra 2 and the IBDP courses. Grades 7 and 8 focus primarily on algebraic concepts and more complex forms of arithmetic (operations with fractions, decimals, and variables). We	We focus primarily on particular concepts. In preparation for future courses, 8th graders usually spend some time graphing and looking for patterns in functions (using a graphic display calculator provided by the teacher). Additionally students are encouraged to





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			do some data analysis, some geometry, and some probability/statistics in these grades.	apply skills to solving word problems and to explain their work using accurate math vocabulary.
ASF Monterey	McRel standards and benchmarks	grade 9	<p><u>Grade 6:</u> Data Analysis, Operations with Whole Numbers and Decimals; Variables; Formulas and Graphs; Rational Number Uses and Operations; Geometry: Congruence, Constructions and Parallel Lines; Number Systems and Algebra Concepts; Rates and Ratios.</p> <p><u>Grade 7:</u> Fractions; Decimals and Percents; Integers; Exponents; Order of Operation; Variable Expression; Solving one and two-step Equations; Percent Operations with Equations; Rate, Ratio, Proportions; Graphing</p>	Focus is more on specific concepts with an attempt to integrate problem solving throughout the year



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			<u>Grade 8</u> : Variables and Expressions; Single Variable Equations; Ratios and Proportions; Equations and Formulae; Functions; Linear Functions; Linear Equations and Inequalities; Polynomials; Quadratic Equations and Factoring; Radicals.	
AAS Sofia	Origo Math-K-5		Focus ins on mental computation and problem solving	
ISStavanger	Everyday Math through G6	Mathematics for the International Student-G7&8	Great as a lead into IGCSE; not an MYP school, but not a problem	
ISPrague	Everyday Math	Mathematics for the International Student		
Benjamin Franklin IS	EnVision Math K-5	International Mathematics for the Middle Years		
AISRotterdam	Key resources being used: Contexts For Learning; Groundworks from Creative Publications; Exemplars.			

