



# Math Interventions

Name of Intervention	Company Details Name, Phone	Cost Details	Available Grade Level(s)	Company Recommended Intervention Time Per Day	Computer Access?	Approved General Education?	Approved Special Education?	Grade Levels Approved?	Recommendations: Student Profile AND Recommendations: Type of Class (ex: Resource, MINC, ED, Autism Specialty)
Foresman-Addison Wesley enVision Math Diagnosis and Intervention System	Pearson Learning	All schools have access	Grades K-5	No recommended amount of time	No	Yes	Yes	K-5	<p>The MDIS aligns with enVision topics including problem solving. <b>Can be used by all populations.</b></p> <p><b>Evaluator Comments:</b>  <i>Since the MDIS materials align with the enVision topics and lessons, they may be used for intervention in a variety of ways; before a topic and lesson, during a lesson, at the end of a lesson, and at the end of a topic. Manipulatives are suggested in most lessons. Diagnostic Tests are available.</i>  <i>Part 1 is available to to K-3 teachers (Booklets A-E).</i>  <i>Part 2 is available to 4-5 teachers (Booklets F-J).</i>  <i>The same Content Standards are addressed in both kits.</i>  <i>Therefore, a 4th grade teacher could use materials from a Part 1 Kit for intervention support if necessary.</i></p>
Understanding Math 2008	Envision Technology  4905 Del Ray Ave Suite 320 Bethesda, MD 20814  (301) 654-3568	All schools have access.	Grades K-3	No recommended amount of time	Yes	Yes	Yes	K-12	<p>There are five concepts taught in Understanding Numeration, covering 75 skills, using over 270 lessons. The concepts are: counting, operations, comparing &amp; ordering, place value, and problem solving.</p> <p><b>(All populations)</b></p> <p><b>Evaluator Comments:</b>  <i>This is a great resource to use with students to introduce a topic, remediate a topic and provide enrichment on topics for advanced students. It presents the content in a simple manner and provides opportunities for students to demonstrate their understanding.</i></p>
Understanding Math 2008	Envision Technology  4905 Del Ray Ave Suite 320 Bethesda, MD 20814  (301) 654-3568	All schools have access.	Grades 4-10	No recommended amount of time	Yes	Yes	Yes	PreK-11	<p>Understanding Fractions            Understanding Whole Numbers &amp; Integers            Understanding Exponents            Understanding Algebra            Understanding Equations            Understanding Graphing            Understanding Percent            Understanding Probability            Understanding Measurement and Geometry</p> <p><b>(All populations)</b></p> <p><b>Evaluator Comments:</b>  <i>Scaffolds student understanding of mathematical concepts using appropriate virtual manipulatives, questions and interactive interface.</i></p>



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Do the Math	By Marilyn Burns  Scholastic Education Agnes Bender abender-consultant@scholastic.com  410.340.7726	Between \$850 and \$1250 for whole class sets for each of the 12 units  Between \$500 and \$650 for small group set for each of the 12 units	Grades 2-6	30 minutes	No	Yes	Yes	Addition/ Subtraction Gr 2-5  Multiplication/ Division Gr 3-5  Fractions Gr 4-5	Focusing on basic arithmetic—computation, number sense, and problem solving for +-/ and fractions.  Do The Math is structured around scaffolded and paced lessons that are based on a careful and thorough analysis of students' misconceptions and typical errors.  <b>(Resource, ED, Autism)</b>  <b>Evaluator Comments:</b> <i>This series provides numerous opportunities for students to access content not previously mastered. The material is engaging and interactive for students and helps to build conceptual understanding. Interactive Whiteboard Tools are available.</i>
FASTT Math  Fluency and Automaticity through Systematic Teaching with Technology	By Tom Snyder  Tom Snyder Productions June Clark JClark@Tomsnyder.com 410.937.7609	Special 1-computer version license \$250  Pilot Plan (60 student license) \$3000  Grade Plan (100 student license) \$5000	Grades 2 and above	10-15 minutes	Yes	Yes	Yes	Grades 2-5	Helps to establish fluency with basic +-/ facts from numbers 0-9 or 0-12 with interactive software, comprehensive teacher resources, and individualized practice sheets for students who have an understanding of the computation concept.  Computer based instruction is automatically differentiated in customized daily sessions based on continuous assessments of students' fluency.  <b>(Resource, ED, Autism)</b>  <b>Evaluator Comments:</b> <i>Highly individualized intervention based on ongoing built-in assessment with data collection. For use after students have been taught strategies during class instruction. Requires 10 minutes of computer time each day. English and Spanish.</i>
Above & Beyond with Digi-Block Mathematics	Digi-Block, Inc. PO Box 380247 Cambridge, MA 02238 p: 888.834.4466 f: 617.661.3310	Expeditions to Numeracy Curriculum and Manipulatives Set \$1,200.00  Expeditions to Numeracy Curriculum \$600.00  Resource Bundle \$795.00  Student Teacher Kits \$50.00 per grade level	Written specifically for cognitively disabled students  Graded kits listed for K-4	No recommended amount of time	No	No	Yes	K-12 Depending on student need	Teaches number sense, arithmetic operations and facility with money.  <b>(MINC, Autism)</b>  <b>Evaluator Comments:</b> <i>Supplemental use as an intervention for special education students who are cognitively disabled. May be difficult for students with fine motor issue due to size of manipulatives.</i>



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Maryland Procedural Fluency Workbook	Mobius Education Group 525 4 <sup>th</sup> Street Annapolis, MD 21403 410-991-1502	\$6.50 per student book. Online component is extra	Grade 3- Algebra	No recommended amount of time	Yes	Yes	Yes	Gr 3- Algebra	<b>All populations</b>  <b>Evaluator Comments:</b> Linked directly to Maryland VSC standards and indicators. Provides a concrete presentation of content before moving to abstract.
Moving with Math Learning System – <u>Extentions</u>	Math Teachers Press, Inc. Amy Johnson John3147@umn.edu.	Class sets range from \$295 - \$320. Manipulative sets (purchased separately) range from \$125-\$165	Grades K-5	Full length lessons  <b>Not an intervention program for use during the school year for elementary.</b>  Can be used during the school year at secondary level for gr.6,7,8. See column at right for approved sections.	Possible for assessing	Yes Only for summer program for elementary  Y	Yes Only for summer program for elementary  Y	K-5  Secondary Grades 6,7,8 Math By Topic: 6 <sup>th</sup> Gr: C 7 <sup>th</sup> Gr: D 8 <sup>th</sup> Gr: Moving with Algebra A&B	Each Extensions book covers essential concepts and skills for the grade and expands on the manipulative-based lessons in the Teacher Manual.  <b>Evaluator Comments:</b> <i>Lessons must be taught following suggestions in teacher's manual, since, at least for grades 3 &amp; 4, some workbook pages are exactly the same. Use of these materials requires yearly purchases. For summer math program only at the elementary level.</i>  <i>Can be used during the school year and summer for grades 6,7,8</i>