

STRUGGLING SECONDARY MATHEMATICS CHART

Mathematics Assessments and Supplementary Interventions for Struggling Mathematics Students (Including ESOL and ESE Students)

Screening	The following assessments screen all mathematics strands: <ul style="list-style-type: none"> • Publisher Diagnostic and Placement Tests • AGS Math-level Indicator • Harcourt: Orleans-Hanna Algebra Prognosis Test (Algebra only) 				
Five Math Strands	Number Sense	Measurement	Geometry	Algebraic Thinking	Data Analysis & Probability
Interventions	<ul style="list-style-type: none"> • Creative Publications *The Decimal Factory Gr. 4-6 • Contemporary Books *Number Power Series • ETA Cuisenaire *Super Source Gr. 5-6, 7-8 • Globe Fearon *Pacemaker Basic Mathematics • Steck Vaughn *Working with Numbers Refresher 	<ul style="list-style-type: none"> • Measuring Up – BECON • ETA Cuisenaire ■■■■*Super Source Gr. 5-6, 7-8 	<ul style="list-style-type: none"> • Putting Geometry on the Map – BECON • ETA Cuisenaire *Super Source Gr. 5-6, 7-8 • Creative Publications *Moving On With Geoboards 	<ul style="list-style-type: none"> • Creative Publications *Algebra First Experiences • ETA Cuisenaire *Super Source Gr. 5-6, 7-8 *Hands on Equations • Sopris West *You Can Be Algebra Ready *Algebra 1 Rescue • Options *Foundations in Algebra 	<ul style="list-style-type: none"> • ETA Cuisenaire *Super Source 5-6, 7-8
Interventions FOR ALL STRANDS	The following instructional materials are intervention tools for all mathematics strands: <ul style="list-style-type: none"> • AGS Publisher *Building Basic Math Skills Worktext *Mathematics: Pathways *Basic Math Skills *Pre-Algebra *Building Math Success Workbook Series *Foundations in Algebra • Sopris West: Transitional Mathematics (only number sense and algebraic) *Developing Number Sense *Making Sense of Rational Numbers *Understanding Algebraic Expressions • Math Teachers Press, Inc *Moving with Math, “Sums for High School.” • Calendar Math (Gr. 6) 				
Diagnostic Assessments	The following assessments are diagnostic tools for all mathematics strands: <ul style="list-style-type: none"> • AGS Publishing: Group Mathematics Assessments and Diagnostic Evaluation (G•MADE) Gr. 6–12 • Harcourt Publishing: Stanford Diagnostic Mathematics Test (SDT) • Pro-Ed Publishing: Comprehensive Mathematical Ability Test (CMAT): Gr. 6 -12 • Pro-Ed Publishing: Test of Mathematical Ability (TOMA-2): Gr. 6 –12 • AGS Publishing: Key Math Revised Gr. 6 – 12 				
Monitor Progress	The following assessments monitor progress for all mathematics strands: <ul style="list-style-type: none"> • Publisher Chapter Tests • Publisher Unit Tests • Curriculum Based Measurement for Mathematics (CBM): Gr. 6 				
Student Reference Books	<ul style="list-style-type: none"> • Great Source: *Math to Know and Teacher Resource Book: skill level 3-4 *Math at Hand and Teacher Resource Book: skill level 5-6 *Math on Call and Teacher Resource Book: skill level 6-8 	Technology	<ul style="list-style-type: none"> • Riverdeep • CCC • STAR • College Board On-line Diagnostic (Springboard Schools) 	<ul style="list-style-type: none"> • AGS Skill Track Software • Test Tools FCAT Simulation • FCAT Explorer • Hot Math 	