

Math Screening Skill Sequence

	Screening Fall	Screening Spring	Progress Monitoring
Pre-K	Counting Objects Aloud; Select a Number (1-10); Rapid Discrimination	Counting Objects Aloud; Rapid Number Naming	
Kindergarten	Counting Objects and Selecting Matching Number (1-10); Quantity Discrimination; Rapid Discrimination	Counting Objects and Writing Number (1-10)	
1st Grade	Sums to 5	Sums to 18 or 20	Addition and Subtraction 0-20
2nd Grade	Addition and Subtraction 0-20	Multi-digit addition or subtraction without regrouping	Fact Families Addition/Subtraction 0-20
3rd Grade	Fact Families Addition/Subtraction 0-20 or 3-digit addition and subtraction with and without regrouping (this is hard for most third graders but reflects a skill that most are expected to be able to do)	Multiplication 0-9 or 0-12	Multiplication and Division 0-12
4th Grade	Fact Families Multiply/Divide 0-12	Multi-digit multiplication without or with regrouping	Multi-digit division with and without remainders
5th Grade	Multi-digit multiplication with and without regrouping	1 digit into 2-3 digit dividend with remainders	Reduce fractions
6th Grade	Decimals multiplication	Find least common denominator	Substitution of whole number to solve equations
7th Grade	Mixed operations for integers	Mixed operations for fractions or percentages	Substitution of fraction to solve equations
8th Grade	Mixed operations for fractions	Solve simple algebraic proportions	Solve percentages (e.g., $x\%$ of 10 = 5 and 50% of $x = 10$)