

Spring Math[®]

Screening by Grades and Time of Year

	Screening Fall	Screening Winter	Screening Spring
Kindergarten	<ol style="list-style-type: none"> Count objects to 10, circle answers Identify number, draw circles 1-10 More/less quantity discrimination with dots 1-10 Missing numbers 0-10 	<ol style="list-style-type: none"> Count objects to 20, write answer Identify number, draw circles 1-20 More/less quantity discrimination with dots to 20 Missing numbers 0-20 	<ol style="list-style-type: none"> Change quantity of dots to 10 Missing number 0-20 Sums to 5 for K Subtraction 0-5 for K
Grade 1	<ol style="list-style-type: none"> Sums to 6 Subtraction 0-5 Quantity comparisons 20-99 	<ol style="list-style-type: none"> Sums to 12 Subtraction 0-5 Fact Families, add/subtract 0-5 Quantity comparisons 101-999 	<ol style="list-style-type: none"> Sums to 20 Subtraction 0-20 Fact Families, add/subtract 0-9
Grade 2	<ol style="list-style-type: none"> Sums to 20 Subtraction 0-20 Fact Families, add/subtract 0-20 Quantity comparison 1001-9999 	<ol style="list-style-type: none"> Add 2-digit numbers without regrouping Subtract 2-digit numbers without regrouping Quantity comparison sums and differences to 20 	<ol style="list-style-type: none"> Add 2-digit numbers with regrouping Subtract 2-digit numbers with regrouping Create equivalent +/- problems using place value/decomposition Create equivalent +/- problems using commutative and associative properties
Grade 3	<ol style="list-style-type: none"> Fact Families, add/subtract 0-20 Add 3-digit numbers with and without regrouping Subtract 3-digit numbers with and without regrouping 	<ol style="list-style-type: none"> Multiplication 0-9 Division 0-9 Fact Families, multiplication/division 0-9 	<ol style="list-style-type: none"> Multiply 1-digit by 2-3 digit with and without regrouping Divide 1 digit into 2-3 digit without remainders Quantity comparison for fractions with like denominators Place fractions on number line (denominators =2, 4, 8)
Grade 4	<ol style="list-style-type: none"> Fact Families, multiply/divide 0-12 Multiply 1 digit by 2-3 digits with and without regrouping Place fractions on number line (denominator=1, 2, 3, 4, 5, 6, 8, 10) Quantity comparison decimals to hundredths 	<ol style="list-style-type: none"> Multiply 2 x 2 digits with and without regrouping Add/subtract mixed numbers with like denominators and regrouping Quantity comparison for fractions with unlike denominators 	<ol style="list-style-type: none"> Add/subtract decimals to hundredths Convert decimals to fractions and fractions to decimals Quantity comparison of fractions, decimals, and whole numbers Create equivalent multiplication problems using common factors

Grade 5	<ol style="list-style-type: none"> 1. Fact Families, multiply/divide 0-12 2. Add and subtract decimals to hundredths 3. 2 x 2 digit multiplication with and without regrouping 4. Find least common denominator 	<ol style="list-style-type: none"> 1. Convert improper fractions to mixed numbers 2. Add and subtract fractions with unlike denominators 3. Quantity comparison of fractions, decimals, and whole numbers 	<ol style="list-style-type: none"> 1. Simplifying fractions 2. Multiply and divide decimals 3. Multiply and divide proper & improper fractions 4. Quantity comparison of whole numbers, fractions, decimals, and percentages
Grade 6	<ol style="list-style-type: none"> 1. Add and subtract fractions with unlike denominators 2. Order of operations 3. Multiply 2x2 digits with decimals 4. Multiply and divide mixed numbers 	<ol style="list-style-type: none"> 1. Distributive property of expression 2. Collect like terms 3. Find percent of a whole number 4. Mixed fraction operations 	<ol style="list-style-type: none"> 1. Substitution of whole number to solve equations 2. Mixed decimal operations 3. Graph points in a coordinate plane 4. Quantity comparison with negative numbers
Grade 7	<ol style="list-style-type: none"> 1. Solve algebraic proportions 2. Calculate missing value in percentage problems 3. Add/subtract/multiply/divide integers of varied sign 	<ol style="list-style-type: none"> 1. Order of operations 2. Mixed inverse operations 3. Complex fractions 	<ol style="list-style-type: none"> 1. Solve 2-step equations 2. Translate verbal expressions into math equations 3. Solve 2-step equations with fractions
Grade 8	<ol style="list-style-type: none"> 1. Order of operations 2. Distributive property to simplify expressions 3. Collect like terms to simplify expressions 	<ol style="list-style-type: none"> 1. Add/subtract/multiply/divide with exponents 2. Solve for slope and intercept using linear function $y=mx+b$ 3. Substitute slope and coordinates into linear function to solve for y-intercept 	<ol style="list-style-type: none"> 1. Linear combinations to solve equations 2. Substitute equation to solve linear equation 3. Use comparison method to solve systems of linear equations

Updated June 2020