

4th Grade Math

TEKS	I Can Statements	Website Resources
Number, Operation, and Quantitative Reasoning		
4.1A	I can read, write and compare whole numbers	<p>Big Numbers Place Value http://www.dositey.com/2008/addsub/Mystery10.htm</p> <p>Large Number Words http://www.numbernut.com/basic/activities/number_4bar_1-10000.shtml</p> <p>Make the Highest Possible Number http://https://emgames.everydaymathonline.com/g_player.html?gameid=62&PHPSESSID=59899daf30e4bdb818d757ffb802403</p> <p>Place Value to Hundred Thousands at Toon University http://www.toonuniversity.com/flash.asp?err=503&engine=15</p> <p>Large Number Words http://www.numbernut.com/basic/activities/number_4bar_1-10000.shtml</p> <p>Math Lines 10 (Awesome) http://www.mathplayground.com/math_lines10.html</p> <p>Math Lines 11 http://www.mathplayground.com/math_lines11.html</p> <p>Math Line 12 http://www.mathplayground.com/math_lines12.html</p> <p>Math line 14 http://www.mathplayground.com/math_lines14.html</p> <p>Convert Between Place Value http://www.ixl.com/math/practice/grade-4-convert-between-place-values</p> <p>Word Names for Numbers http://www.ixl.com/math/practice/grade-4-word-names-for-numbers</p> <p>Comparing Numbers to the Billions http://www.ixl.com/math/practice/grade-4-compare-numbers-up-to-millions</p> <p>Missing Digits http://www.ixl.com/math/practice/grade-4-fill-in-the-missing-digits</p>
4.1B	I can read, write, and compare decimals	<p>Breaking Apart a Number http://www.bgfl.org/bgfl/custom/resources_ftp/client_ftp/ks2/maths/bgfn/number.cfm#</p>

		<p>Ordering Decimals http://www.bbc.co.uk/education/mathsfile/shockwave/games/laddergame.html</p> <p>Decimal Number Line http://www.mathsonline.co.uk/freesite_tour/resource/whiteboard/decimals/dec_notes.html</p> <p>Practice with Decimals http://www.learnalberta.ca/content/me51/html/math5.html</p> <p>Equivalent Decimals http://www.harcourtschool.com/activity/con_math/g05c03.html</p> <p>Ordering Decimals http://www.haelmedia.com/html/og_m65_001.html</p> <p>Ordering Decimals from least to greatest http://www.haelmedia.com/html/og_m65_001.html</p> <p>What Decimal is Illustrated http://www.ixl.com/math/practice/grade-4-what-decimal-number-is-illustrated</p> <p>Decimals Expressed in Words http://www.ixl.com/math/practice/grade-4-understanding-decimals-expressed-in-words</p> <p>Place Value in Decimals http://www.ixl.com/math/practice/grade-4-place-values-in-decimal-numbers</p> <p>Equivalent Decimals http://www.ixl.com/math/practice/grade-4-equivalent-decimals</p> <p>Decimal Number Line http://www.ixl.com/math/practice/grade-4-decimal-number-lines</p> <p>Compare Decimals http://www.ixl.com/math/practice/grade-4-compare-decimal-numbers</p> <p>Put Decimals in Order http://www.ixl.com/math/practice/grade-4-put-decimal-numbers-in-order http://www.ixl.com/math/practice/grade-4-number-sequences-involving-decimals</p>
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4.2A	I can create fractions that are equal to each other	<p>Equivalent Fraction Finder http://www.shodor.org/interactivate/activities/EquivFractionFinder/</p> <p>Equivalent Fractions http://www.visualmathlearning.com/Exercises/eq_fract_circles.php</p> <p>Fractotron http://www.amblesideprimary.com/ambleweb/mentalmaths/fractotron.html</p> <p>Flitting with Fractions http://www.learningmedia.co.nz/sites/all/modules/filemanager/files/Online%20Activities/flitting_with_fractions/index.php</p> <p>Fraction Man http://www.harcourtschool.com/activity/mmath/mmath_frac.html</p> <p>Fraction Illustrator http://www.webmath.com/k8if.html</p> <p>Fraction Picture Mystery Game http://www.dositey.com/2008/math/mystery2.html</p> <p>Visual Fractions http://www.bbc.co.uk/skillswise/numbers/fractiondecimalpercentage/fractions/introduction/flash2.shtml</p> <p>Fraction on Number Lines http://www.ixl.com/math/practice/grade-3-fractions-on-number-lines</p> <p>Patterns of Equivalent Fractions http://www.ixl.com/math/practice/grade-4-patterns-of-equivalent-fractions</p> <p>Equivalent Fractions http://www.ixl.com/math/practice/grade-4-equivalent-fractions</p>
4.2B	I can create mixed numbers	<p>Mixed Number Review http://www.ixl.com/math/practice/grade-4-mixed-number-review</p> <p>Convert Improper Fractions and Mixed Numbers http://www.ixl.com/math/practice/grade-4-convert-between-improper-fractions-and-mixed-numbers</p>

4.2C	I can compare and order fractions.	<p>Compare Fractions Visually http://www.bbc.co.uk/skillswise/numbers/fractiondecimalpercentage/fractions/introduction/flash3.shtml</p> <p>Compare Fraction Bars http://www.mathplayground.com/visual_fractions.html</p> <p>Compare Fraction Pictures http://www.ixl.com/math/practice/grade-3-compare-fractions</p> <p>Compare http://www.ixl.com/math/practice/grade-4-compare-fractions</p> <p>Order Fractions http://www.ixl.com/math/practice/grade-4-</p>
4.2D	I can choose a fraction and a decimal that are equal to each other	<p>Fraction, Decimal, and Number Line http://www.ictgames.com/equivalence.html</p>
4.3A	I can find sums and differences.	<p>Math MahJong http://www.do2learn.com/mahjong/index.htm</p> <p>Addition Up to the millions http://www.ixl.com/math/practice/grade-4-add-3-or-more-numbers-up-to-millions</p> <p>Addition http://www.ixl.com/math/practice/grade-4-addition-patterns-over-increasing-place-values</p> <p>Choose Numbers With a Particular Sum http://www.ixl.com/math/practice/grade-4-choose-numbers-with-a-particular-sum</p> <p>Estimate Sums http://www.ixl.com/math/practice/grade-4-estimate-sums</p> <p>Subtract Up To a Million http://www.ixl.com/math/practice/grade-4-subtract-numbers-up-to-millions</p> <p>Choose Numbers With a Particular Difference http://www.ixl.com/math/practice/grade-4-choose-numbers-with-a-particular-difference</p> <p>Estimate Differences http://www.ixl.com/math/practice/grade-4-estimate-differences</p> <p>Digit Workout http://www.crickweb.co.uk/assets/resources/flash.php?&file=digitmenu</p> <p>Add up to 2 numbers with up to 4 digits http://www.ixl.com/math/practice/grade-3-add-two-numbers-with-four-or-more-digits</p> <p>Subtract up to 3 digits http://www.ixl.com/math/practice/grade-3-subtract-numbers-up-to-three-digits</p> <p>Subtract up to 3 digits word problems http://www.ixl.com/math/practice/grade-3-subtract-numbers-</p>

		<p>up-to-three-digits-word-problems Fill in Missing Digit with subtraction http://www.ixl.com/math/practice/grade-3-complete-the-subtraction-sentence-up-to-three-digits Balance Subtraction Equation http://www.ixl.com/math/practice/grade-3-balance-subtraction-equations-up-to-three-digits Subtraction with 4 or more digits http://www.ixl.com/math/practice/grade-3-subtract-numbers-with-four-or-more-digits</p>
4.3B	I can add and subtract decimals	<p>Add Decimals http://www.ixl.com/math/practice/grade-4-add-decimal-numbers Subtract Decimals http://www.ixl.com/math/practice/grade-4-subtract-decimal-numbers Addition and Subtraction Word Problems with Decimals http://www.ixl.com/math/practice/grade-4-add-and-subtract-decimals-word-problems Add 3 or More Decimals http://www.ixl.com/math/practice/grade-4-add-3-or-more-decimals Add 3 or More Decimals: Word Problems http://www.ixl.com/math/practice/grade-4-add-3-or-more-decimals-word-problems Estimate Sum or Difference http://www.ixl.com/math/practice/grade-4-estimate-sums-and-differences-of-decimals</p>

I can use arrays to solve problems

4.4B	I can write multiplication and division problems with numbers.	<p>Multiplication sentence with pictures http://www.ixl.com/math/practice/grade-3-multiplication-sentences</p> <p>Facts up to 12 http://www.ixl.com/math/practice/grade-3-multiplication-facts-to-12</p> <p>Multiplication Word Problems up to 12 http://www.ixl.com/math/practice/grade-3-multiplication-word-problems-facts-to-12</p>
4.4C	I can remember and use multiplication facts.	<p>Math Magician http://www.oswego.org/ocsd-web/games/Mathmagician/maths1.html</p> <p>Multiplication Problems http://www.shodor.org/interactivate/activities/ArithmeticFour/</p> <p>All Operations http://www.missmaggie.org/scholastic/roundtheworld_eng_1_auncher.html</p> <p>Captain Knicknack http://www.harcourtschool.com/activity/mmath/mmath_knack.html</p> <p>Lemonade Larry http://www.prongo.com/lemon/game.html</p> <p>Math Flash Cards http://www.montgomeryschoolsmd.org/schools/thurgoodmarshalles/java-applets/Mathflash/Mathflash_small.html</p> <p>Multiplication with zeroes http://www.ixl.com/math/practice/grade-3-multiply-numbers-ending-in-zeroes</p> <p>Multiply a larger number by one digit http://www.ixl.com/math/practice/grade-3-multiply-a-one-digit-number-by-a-larger-number-word-problems</p> <p>Multiply 3 or more numbers http://www.ixl.com/math/practice/grade-3-multiply-three-or-more-numbers-word-problems</p> <p>Input Output table http://www.ixl.com/math/practice/grade-3-multiplication-input-output-tables</p> <p>Variety of Multiplication Games http://multiplication.com/interactive_games.htm</p> <p>Multiplication Mad Minute http://www.sadlier-oxford.com/math/mathminutes/multiplication/mult1x1.htm</p> <p>Space Racer http://www.mathplayground.com/spaceracer_multiplication.html</p>

4.4D	I can multiply 2-digit by 2-digit.	<p>Math Magician http://www.oswego.org/ocsd-web/games/Mathmagician/maths1.html All Operations http://www.missmaggie.org/scholastic/roundtheworld_eng_1auncher.html Multiplication Baseball http://https://emgames.everydaymathonline.com/g_player.html?game=1&gameid=80&PHPSESSID=7ea9e519f964a8ae073a925f8af5b4dc Multiplication 2-digit by 2-digit http://www.ixl.com/math/practice/grade-4-multiply-a-2-digit-number-by-a-2-digit-number-complete-the-missing-steps http://www.ixl.com/math/practice/grade-4-multiply-a-2-digit-number-by-a-2-digit-number http://www.ixl.com/math/practice/grade-4-multiply-a-2-digit-number-by-a-larger-number</p>
4.4E	I can divide 3-digit by 1-digit	<p>Division Problems http://www.shodor.org/interactivate/activities/ArithmeticFour/ Division Bingo http://www.bgfl.org/bgfl/custom/resources_ftp/client_ftp/ks2/maths/bingo/index.html Division Word Problems http://www.ixl.com/math/practice/grade-3-division-word-problems-facts-to-10 Beginning Division http://www.ictgames.com/airlineGrouping/airlineGrouping.html Avoid the Astroid http://www.cyanova.com/math/AvoidTheAsteroid.html</p>
4.5A	I can round numbers up to the thousand's place	<p>Rounding Off http://www.bbc.co.uk/education/mathsfile/shockwave/games/roundoff.html Rounding for 4th Grade http://www.ixl.com/math/practice/grade-5-rounding</p>
4.5B	I can estimate to help solve multiplication and division problems	<p>Estimate Products http://www.ixl.com/math/practice/grade-4-estimate-products Estimate Products Word Problems http://www.ixl.com/math/practice/grade-4-estimate-products-word-problems</p>

Patterns, Relationships, and Algebraic Thinking		
4.6A	I can use patterns to remember facts	Firefly Math http://www.mrnussbaum.com/fireflynights/index.html Patterns at Math 5 Live http://www.learnalberta.ca/content/me5l/html/math5.html Patterns of Equivalent Fractions http://www.ixl.com/math/practice/grade-4-patterns-of-equivalent-fractions
4.6B	I can use patterns to multiply by 10	Multiply Numbers ending in zeroes http://www.ixl.com/math/practice/grade-4-multiply-numbers-ending-in-zeroes Multiply Numbers ending in Zeroes Word Problems http://www.ixl.com/math/practice/grade-4-multiply-numbers-ending-in-zeroes-word-problems
4.7A	I can identify patterns in a table	
Geometry and Spatial Reasoning		
4.8A	I can identify and describe right, acute, and obtuse angles	Right, Acute, Obtuse Angles http://www.ixl.com/math/practice/grade-4-acute-right-obtuse-and-straight-angles Degrees of Angles http://www.ixl.com/math/practice/grade-4-angles-of-90-180-270-and-360-degrees
4.8B	I can identify and describe parallel, intersecting, and perpendicular lines	Identify Lines http://www.ixl.com/math/practice/grade-4-lines-line-segments-and-rays Parallel, Perpendicular, Intersecting http://www.ixl.com/math/practice/grade-4-parallel-perpendicular-intersecting

4.8C	I can describe two and three dimensional geometric figures	<p>Interactive Shapes http://www.amblesideprimary.com/ambleweb/sketchpad/index.htm</p> <p>3D Shape Quiz http://www.numbernut.com/basic/activities/symbol_4card_3dshapes.shtml</p> <p>More 3D Shapes http://www.primaryresources.co.uk/online/longshape3d.html http://www.harcourtschool.com/activity/mmath/mmath_dr_g ee.html</p> <p>Matching 3D Shapes http://www.ngfl-cymru.org.uk/vtc/20050114/Mathematicaldev/Earlyyears/Shape/Thebuildinggame/Introduction/StarterActivity.htm</p> <p>Polyhedrons http://www.counton.org/museum/floor4/gallery10/shapes/index.html</p> <p>Identify planar and solid figures http://www.ixl.com/math/practice/grade-4-identify-planar-and-solid-figures</p> <p>Polygons http://www.ixl.com/math/practice/grade-4-open-and-closed-shapes-and-qualities-of-polygons</p> <p>Which 2D Shape is Being Described http://www.ixl.com/math/practice/grade-4-which-2-dimensional-shape-is-being-described</p> <p>Which 3D Shape is Being Described http://www.ixl.com/math/practice/grade-4-which-3-dimensional-figure-is-being-described</p> <p>Number of Sides of a Polygon http://www.ixl.com/math/practice/grade-4-names-of-polygons-from-triangle-to-dodecagon</p> <p>Edges, Vertices, Sides http://www.ixl.com/math/practice/grade-4-count-and-compare-sides-edges-faces-and-vertices</p> <p>Net of 3D Shapes http://www.ixl.com/math/practice/grade-4-nets-of-3-dimensional-figures</p>
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4.9A	I can translation, rotation, and reflection	Symmetry and transformation demo http://www.ngfl-cymru.org.uk/vtc/ngfl/maths/greg_morgan_symmetry/index.htm Transformation http://www.learnalberta.ca/content/me51/html/math5.html
4.9B	I can use translation, rotation, and reflection to show that two shapes are congruent	Similar and Congruent http://www.ixl.com/math/practice/grade-4-similar-and-congruent
4.9C	I can use reflections to show whether or not a shape has symmetry	Rotational Symmetry http://www.ixl.com/math/practice/grade-4-rotational-symmetry Lines of Symmetry http://www.ixl.com/math/practice/grade-4-lines-of-symmetry
4.10A	I can find and names on a number line.	
Measurement		
4.11A	I can solve problems involving measurement	Interactive Ruler http://www.harcourtschool.com/activity/elab2004/gr4/16.html Design a Party http://www.mathplayground.com/PartyDesigner/PartyDesigner.html
4.11B	I can convert between customary units	http://www.ixl.com/math/practice/grade-3-perimeter Find the Missing side http://www.ixl.com/math/practice/grade-3-perimeter-find-the-missing-side-length Compare and Convert Customary http://www.ixl.com/math/practice/grade-4-compare-and-convert-customary-units Compare Customary by Multiplying http://www.ixl.com/math/practice/grade-4-compare-customary-units-by-multiplying Convert Mixed Customary http://www.ixl.com/math/practice/grade-4-convert-mixed-customary-units

4.11C	I can use cubes to find volume.	<p>Cubes http://illuminations.nctm.org/ActivityDetail.aspx?ID=6 Volume http://www.ixl.com/math/practice/grade-3-volume Capacity http://www.mrnussbaum.com/capacity/index.html</p>
4.11D	I can estimate volume with cubes	<p>Virtual Blocks http://www.themaninblue.com/experiment/Cubescape/new.php</p>
4.11E	I can tell the difference between weight and mass	
4.12A	I can read a thermometer and see changes.	
4.12B	I can solve problems with elapsed time.	<p>Elapsed Time http://www.ixl.com/math/practice/grade-4-elapsed-time Start Times and End Times http://www.ixl.com/math/practice/grade-4-find-start-and-end-times-multi-step-word-problems Transportation Schedules http://www.ixl.com/math/practice/grade-4-transportation-schedules Time Patterns http://www.ixl.com/math/practice/grade-4-time-patterns</p>

Probability & Statistics

3.13A	I can find all possible combinations.	http://www.ixl.com/math/practice/grade-4-combinations
4.13B	I can read bar graphs.	Reading Bar Graphs http://www.mrnussbaum.com/icgraphing.htm Reading Pictographs and bar graphs http://www.haelmedia.com/html/mc_m2_001.html http://www.haelmedia.com/html/mc_m3_002.html Read Bar Graphs http://www.ixl.com/math/practice/grade-3-bar-graphs http://www.ixl.com/math/practice/grade-4-bar-graphs Interpret Bar Graphs http://www.ixl.com/math/practice/grade-4-create-bar-graphs
Underlying Processes and Mathematical Tools		
4.14A	I can find the math in real life.	Multi-step word problems http://www.ixl.com/math/practice/grade-4-add-numbers-up-to-millions-word-problems Subtraction Word Problems http://www.ixl.com/math/practice/grade-4-subtract-numbers-up-to-millions-word-problems Estimate Differences Word Problems http://www.ixl.com/math/practice/grade-4-estimate-differences-word-problems
4.14B	I can solve problems using a four step plan.	
4.14C	I can select and use a strategy to solve a problem.	Guess the Number http://www.ixl.com/math/practice/grade-3-guess-the-number Make the Largest Smallest Number Possible http://www.ixl.com/math/practice/grade-3-largest-smallest-number-possible Age Puzzles http://www.ixl.com/math/practice/grade-3-age-puzzles
4.15B	I can use math words and symbols.	Guess two Numbers Based on Sums and Differences http://www.ixl.com/math/practice/grade-3-guess-two-numbers-based-on-sum-and-difference
4.16A	I can figure out a pattern	Make Predictions http://www.ixl.com/math/practice/grade-4-make-predictions