

GRADE 4 Overview
6/4/19

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Big IDEA	Generalize Place Value Understanding for Multi-digit Numbers (+/-) Understanding and Fluency with Multi-digit Multiplication	Understanding and Fluency with Multi-digit Multiplication Understanding Division with Multi-digit Dividends	Understanding Fractions <ul style="list-style-type: none"> • Equivalence • Add/Subtract with Like Denominators • Multiply Fractions and Whole Numbers • Decimal Fractions (tenths, hundredths) 	Analyzing and Classifying Two-Dimensional Shapes Conversions; Representing and Interpreting Data
Standards (Major Standards are in BOLD)	4.NBT.1 4.NBT.5 4.NBT.2 4.MD.2 4.NBT.3 4.OA3 (+/-) 4.NBT.4	4.NBT.1 4.NBT.6 4.NBT.2 4.OA.1, 2, 3 4.NBT.3 4.OA.4, 5 4.NBT.4 4.MD.2 4.NBT.5	4.NF.1 4.NF.5 4.NF.2 4.NF.6 4.NF.3a, b, c, d 4.NF.7 4.NF.4.a, b, c 4.MD.2 4.MD.4	4.MD.1 4.MD.6 4.MD.2 4.MD.7 4.MD.3 4.OA.5 4.MD.4 4.G.1 4.MD.5.a, b 4.G.2 4.G.3
Instructional Materials <i>Students are not tested on specific methods, but need to be efficient/flexible</i>	Unit 1 Place Value and Multi-digit Addition and Subtraction (5 weeks) <i>Explore partial sums/regrouping before subtraction</i> Unit 2 Multiplication with Whole Numbers (4 weeks)	Unit 2 Multiplication with Whole Numbers (2 weeks) <i>Explore area models, partial products</i> Unit 3 Division with Whole Numbers (4 weeks) <i>Explore partial quotients/tool box</i> Unit 4 Equations and Word Problems (3 weeks)	Unit 6 Fraction Concepts and Operations (4 weeks) <i>Explore equal parts, area/length/set models</i> Unit 7 Fractions and Decimals (5 weeks)	Review and Problem Solving from Units 1-4 (3 weeks) Unit 8 Geometry (2 weeks) Unit 5 Measurement (4 weeks)
Instructional Supplements	Engage NY Modules 1, 3	Engage NY Module 3	Engage NY Modules 5, 6	Engage NY Modules 2, 4, 7
Additional Instructional Resources	Khan Academy – Engage NY Modules https://www.khanacademy.org/math/4th-engage-ny Desmos – classifying quadrilaterals and triangles https://teacher.desmos.com/ Math tools - place value mats and chips, place value blocks, secret code cards, Cuisenaire rods, base 10 paper (large numbers, arrays, area model), horizontal problem structures (support place value), tape diagram models, pattern blocks, blank number lines, coffee filters/spaghetti (informal units to measure angles), protractors, yard/meter sticks, rulers, measuring tapes			
Number Talk Focus	Foundations Subitizing	Addition	Addition Subtraction	Addition Subtraction
Common Assessment In Use	Smarter Balanced Assessment Book pages SB12, SB14, SB19	Smarter Balanced Assessment Book pages SB21, SB18, SB1, SB4, SB7, SB10	Smarter Balanced Assessment Book pages SB25, SB29, SB33,	Smarter Balanced Assessment Book pages SB91, SB93, SB95, SB97, SB102

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