

4th Grade Math

Instructional time should focus on three critical areas:

- 1) Developing understanding and fluency with multi-digit multiplication, and developing understanding of dividing to find quotients involving multi-digit dividends;
- 2) Developing an understanding of fraction equivalence, addition and subtraction of fractions with like denominators, and multiplication of fractions by whole numbers;
- 3) Understanding that geometric figures can be analyzed and classified based on their properties, such as having parallel sides, perpendicular sides, particular angle measures, and symmetry.

Time Frame	CCSS Engage NY Curriculum	# of Days	Intervention Curriculum
	Module 1: Place Value, Rounding, and Algorithms for Addition and Subtraction	25	Intervention Lesson Planning Tool
Sept 8 – Sept 28 (NWEA Sept 22 - 24)	<i>Routines & Procedures</i> Topics A-C Lessons 1 - 10	10	Students enrolled in ALEKS, Initial ALEKS Knowledge Check
Sept 29 – Oct 1 (PD Oct 2)	Mid-Module Assessment: Topics A - C (assessment 1 day, return 1 day, remediation or further applications 1 day)	3	(Topics) ALEKS Pie Mastery Objectives (Fluency) QuickTables Addition 55%, Subtraction 40%, Multiplication 10%, Division 10% (4 sec. timer)
Oct 5 – Oct 15	Topic D - F Lessons 11 – 19	9	(Prob.Solving Worksheets) 12 review, 4 ready-to-learn x 6
Oct 16 – Oct 20 (ANET Oct 20 - 22)	End-of-Module Assessment: Topics A–F (assessment 1 day, return 1 day, remediation or further applications 1 day)	3	
	Module 2: Unit Conversions and Problem Solving with Metric Measurement	7	ALEKS Lesson Planning Tool
Oct 21 – Oct 28 (No School Oct 23)	Topics A-B Lessons 1 – 5	5	(Topics) ALEKS Pie Mastery Objectives (Fluency) QuickTables Addition 55%, Subtraction 40%, Multiplication 10%, Division 10%
Oct 29 – Oct 30	End-of-Module Assessment: Topics A - B (assessment ½ day, return ½ day, remediation or further applications 1 day)	2	(Prob.Solving Worksheets) 12 review, 4 ready-to-learn x 1

	Module 3: Multi-Digit Multiplication and Division	43	ALEKS Lesson Planning Tool
Nov 2 – Nov 19 (PD Nov 3)	Topics A-D Lessons 1 - 13	13	(T) ALEKS Pie Mastery Objectives
Nov 20 – Nov 23	Mid-Module Assessment: Topics A - D (assessment ½ day, return ½ day, remediation or further applications 1 day)	2	(F) QuickTables Addition 80%, Subtraction 70%, Multiplication 50%, Division 50%
Nov 24 - Jan 20 (No School Nov 26–27, Dec 21–Jan 1, Jan 18) (NWEA Jan 12 - 14)	Topics E - H Lessons 12 – 21	25	(PS) 12 review, 4 ready-to-learn x 9
Jan 21 – Jan 25	End-of-Module Assessment: Topics A–H (assessment 1 day, return 1 day, remediation or further applications 1 day)	3	
	Module 5: Fraction Equivalence, Ordering, and Operations	45	
Jan 26 – Mar 2 (ANET Jan 26 - 28) (PD Feb 5) (No School Feb 15-19)	Topics A-D Lessons 1 - 21	21	(T) ALEKS Pie Mastery Objectives
Mar 3 – Mar 4	Mid-Module Assessment: Topics A - D (assessment ½ day, return ½ day, remediation or further applications 1 day)	2	(F) QuickTables Addition 90%, Subtraction 80%, Multiplication 70%, Division 70%
Mar 7 – Apr 11 (ANET Mar 22 - 24) (No School Mar 25-Apr 1)	Topics E-H Lessons 22 - 41	20	(PS) 12 review, 4 ready-to-learn x 9
Apr 12 – Apr 13	End-of-Module Assessment: Topics A–H (assessment ½ day, return ½ day, remediation or further application 1 day)	2	
	Module 4: Angle Measure and Plan Figures	20	
Apr 14 – Apr 26 (PD Apr 22)	Topics A-B Lessons 1 - 8	8	(T) ALEKS Pie Mastery Objectives
Apr 27 – Apr 28	Mid-Module Assessment: Topics A - B (assessment ½ day, return ½ day, remediation or further	2	(F) QuickTables Addition 90%, Subtraction 90%, Multiplication 80%, Division

	applications 1 day)		80%
Apr 29 – May 10	Topics C-D Lessons 9 - 16	8	(PS) 12 review, 4 ready-to-learn x 4
May 11 – May 12	End-of-Module Assessment: Topics A–D (assessment 1 day, return 1 day, remediation or further applications 1 day)	2	
Module 6: Decimal Fractions		20	
May 13 – May 24	Topics A-B Lessons 1 - 9	8	(T) ALEKS Pie Mastery Objectives
May 25 – May 26 (No School May 27,30) (NWEA May 31 – Jun 2)	Mid-Module Assessment: Topics A–B (assessment ½ day, return ¼ day, remediation or further applications ¼ day)	2	(F) QuickTables Addition 90%, Subtraction 90%, Multiplication 90%, Division 90% (5 sec timer)
Jun 3 – Jun 14 (ANET Jun 7 - 10)	Topics C-E Lessons 9 - 16	8	(PS) 12 review, 4 ready-to-learn x 3
Jun 15 – Jun 16	End-of-Module Assessment: Topics A–E (assessment 1 day, return 1 day, remediation or further applications 1 day)	2	
Module 7: Exploring Multiplication		20	
Jun 17 – Jul 15 (PD Jun 30 – Jul 1) (No School Jul 4–Jul 8)	Topics A-C Lessons 1 - 14	14	(T) ALEKS Pie Mastery Objectives
Jul 18 – Jul 19	End-of-Module Assessment: Topics A–C (assessment 1 day, return 1 day, remediation or further applications 1 day)	2	(F) QuickTables Games
Jul 20 – Jul 25	Topic D Review Lessons 15 - 18	4	(PS) 12 review, 4 ready-to-learn x 4