Fourth Grade Mathematics Progress Report Benchmarks 2018-19

See *Assessment in This Unit* in each unit for sources of evidence.
Observations of student thinking during Ten-Minute Math, activities, games, and discussions should be used as additional sources of evidence.

Beginning: Requires significant teacher support and/or cues
Progressing: Requires some teacher support or teacher prompting
Meeting: Meets all benchmarks consistently and independently
Exceeding: Meets level M and engages productively and independently with the offered extensions

Progress Report Item	Term 1 - Units 1, 2, 3 Can consistently and independently...	Term 2 - Units 4, 5 Can consistently and independently...	Term 3 Meeting - Units 6, 7, 8 Can consistently and independently...
Perseverance Makes sense of problems and perseveres at solving them.	❏ Look for entry points to get started. ❏ Represent the problem, using drawings, physical models, or story problems. ❏ Explain how the solution makes sense in terms of the original problem. ❏ Try to make sense of others' solutions.	*All from Term 1*	*All from Term 1 and* ❏ Check the work part way through and self-correct any errors. ❏ Explain how to finish given a particular starting cluster.
Communication Communicates mathematical thinking clearly and precisely, orally and in writing.	❏ Use clear and complete representations to explain and justify solutions. ❏ Explain reasoning underlying a strategy, solution or conjecture. ❏ Listen to others' ideas, try to understand others' thinking, and reconsider own thinking in response to others.	*All from Term 1*	*All from Term 1*
Word Problems With whole numbers	***Benchmarks from Grade 3 Unit 5*** ❏ *Solve multiplication and division word problems and writes equations to represent the problems.* Unit 1 ❏ Use multiplication to solve multiplicative comparison problems.	Unit 5 ❏ Use addition and subtraction to solve word problems involving measurement.	Unit 7 ❏ Solve measurement and conversion problems. Unit 8 ❏ Generate a number pattern that follows a given rule and analyze features of the pattern in order to solve problems. ❏ Model the mathematics of a situation with tables and with mathematical notation, including using letters to represent unspecified quantities. ❏ Solve multi-step word problems using the four operations.
Addition/ Subtraction	***Benchmarks from Grade 3 Unit 7*** ❏ *Solve 3-digit addition problems using at least one strategy fluently.* ❏ *Solve 3-digit subtraction problems fluently.*	*All from Term 1 and* Unit 5 ❏ Fluently solve multidigit addition and subtraction problems using a variety of strategies, including the U.S. standard algorithms.	*All from Term 1 and 2*

Multiplication/ Division	***Benchmarks from Grade 3 Unit 5 & 8*** ❏ *Demonstrate fluency with mult. facts to 10x10.* ❏ *Demonstrate fluency with division facts.* Unit 1 ❏ Determine whether numbers up to 100 are prime or composite. ❏ Find factors of numbers up to 100 and recognize multiples of 1-digit numbers. Unit 3 ❏ Multiply 2-digit numbers by 1-digit and small 2-digit numbers (e.g. 12, 15, 20), using strategies that involve breaking the numbers apart. ❏ Solve division problems (2-digit and small 3-digit numbers divided by 1-digit numbers), including some that result in a remainder. ❏ Multiply a number by a multiple of 10.	*All from Term 1*	*All from Term 1 and* Unit 7 ❏ Multiply two 2-digit numbers and up to a 4-digit number by a 1-digit number. ❏ Solve division problems with up to 4-digit dividends and 1-digit divisors.
Place Value Understanding	N/A	Unit 5 ❏ Read, write, and compare numbers up to 1,000,000 and round them to any place.	*All from Term 2 and* Unit 6 ❏ Read, write, and compare decimals in tenths and hundredths. ❏ Add tenths and hundredths.
Fractions	N/A	N/A	Unit 6 ❏ Identify equivalent fractions and explain why they are equivalent. ❏ Compare fractions with like and unlike denominators. ❏ Add and subtract fractions and mixed numbers with like denominators. ❏ Multiply a fraction by a whole number.
Measurement & Data	Unit 2 ❏ Use a line plot to organize, represent, and analyze measurement data about two groups in order to compare the two groups. ❏ Design a data question that involves measurement to compare two groups. ❏ Use a line plot to represent measurement data that includes fractions.	Unit 4 ❏ Convert linear measurements from a larger unit to a smaller unit. ❏ Determine the perimeter and area of rectangles, including using generalizable methods. ❏ Add or subtract angles to determine the size of the angles. ❏ Use a protractor to measure angles and sketch angles of specific sizes.	Unit 6 ❏ Represent data on a line plot including fourths and eighths.
Geometry	N/A	Unit 4 ❏ Draw and identify lines and angles, including parallel and perpendicular lines, and classify polygons by properties of their sides and angles. ❏ Identify lines of symmetry in polygons.	N/A