

## Chelmsford Public Schools

### Grade 1 Math Report Card Benchmarks

Operations and Algebraic Thinking	Term 1	Term 2	Term 3
<p>Adds and Subtracts with 20 Demonstrates Fluency within 10</p> <p>Benchmark</p>	<p>Add and subtract within 10, using pictures, circle drawings, counting on, and/or manipulatives</p>	<p>Add and subtract within 10, using pictures, circle drawings, counting on, and/or manipulatives</p>	<p>Add and subtract within 20, demonstrating fluency within 10</p> <p>LS – Limited strategies for fluency DS – Demonstrates fluency to 5 MS – Demonstrates fluency to 10 (90 % accuracy?) ES – Demonstrates fluency to 20</p>
<p>Adds and Subtracts with 20 Demonstrates Fluency within 10</p> <p>Potential Assessment</p>	<p><b>Math Expressions Teacher Assessment Guide Unit 1 Q# 5-15, 19-21, 25 Unit 2 Q# 1-25</b></p>	<p><b>Math Expressions Teacher Assessment Guide Unit 1 &amp; Unit 2</b></p>	<p><b>Math Expressions online Think Central.com See “Strategies and Practice for Skills and Fluency” Math Benchmark Test Item #2, 3, 4, 7, 8, 11, 15</b></p>
<p>Works with Addition and Subtraction Equations</p> <p>Benchmark</p>	<p>Write addition &amp; subtraction equations when given visual representation. Understand the meaning of equal sign.</p>	<p>Identify the unknown partner and unknown total in addition/subtraction equations. Can identify the partners and the total in addition &amp; subtraction equations. Determine if an equation is true or false.</p>	<p>Identify the unknown partner and unknown total in addition/subtraction equations. Can identify the partners and the total in addition &amp; subtraction equations. Determine if an equation is true or false.</p> <p>LS – Consistently confuses partners and total DS – Can identify partners and total MS – Can write add/subtraction equations with 90% accuracy ES – No ES for this benchmark??</p>

## Chelmsford Public Schools Grade 1 Math Report Card Benchmarks

Works with Addition and Subtraction Equations  Potential Assessment	Math Expressions Teacher Assessment Guide Unit 1 Test Q# 13-24	Math Expressions Teacher Assessment Guide Unit 2-Test Q# 11-18 Unit 3 -Test Q#9,10,16,17	Math Expressions Unit 6 Test Q# 6 -9 Spring Benchmark Test Q# 2, 3, 4, 7,8, 11, 15
Uses Strategies to solve a variety of word problems  Benchmark	Solve addition & subtraction problems within 10 using objects and/or visual representation	Solve Story problems with various unknowns (partner, total) using a variety of strategies such as equations, math mountains, circle drawings, number path.	Solve Story problems with various unknowns (partner, total) using a variety of strategies such as equations, math mountains, circle drawings, number path.  LS – Needs assistance to choose an appropriate strategy to solve story problems DS – Solves story problems with a single strategy MS – Solves story problems to 90%(?)accuracy with a variety of strategies ES – No ES for this benchmark
Uses Strategies to solve a variety of word problems  Potential Assessment	Math Expressions Teacher Assessment Guide Unit 1 Test Q# 25 Unit #2 Test Q# 7-10, 17, 18, 25	Math Expressions Teacher Assessment Guide Unit 3 Test Q#9-20 Unit 4 Q# 15-17 Unit 5 Q# 7-10, 13	Math Expressions Teacher Assessment Guide Unit 6 Q# 6-9 Performance Tasks for Unit 2 and 3. Spring Benchmark Test Q# 2, 3, 4, 7,8, 11, 15

## Chelmsford Public Schools Grade 1 Math Report Card Benchmarks

Number & Operations in Base 10	Term 1	Term 2	Term 3
<p>Reads and writes numbers to 120.</p> <p>Benchmark</p>			<p>LS – Needs assistance to read and write numbers less than 100</p> <p>DS – Reads and writes numbers to 100</p> <p>MS – Reads and writes numbers to 120.</p> <p>ES – Reads and writes any 3 digit number.</p>
<p>Reads and writes numbers to 120.</p> <p>Potential Assessment</p>	<p>Math Expressions Student Activity Book page 160</p>	<p>Math Expressions Student Activity Book page 160</p>	<p>Math Expressions Student Activity Book page 160</p>
<p>Understands place value for 2 digit numbers.</p>			<p>LS – Cannot make correct place value drawings</p> <p>DS – Writes and draws tens and ones for 2 digit number to less than 85% accuracy.</p> <p>MS – Can write and draw tens and ones for any 2 digit number.</p> <p>ES – Can make place value</p>

## Chelmsford Public Schools Grade 1 Math Report Card Benchmarks

Benchmark			drawings for 3 digit numbers.
<p>Understands place value for 2 digit numbers.</p> <p>Potential Assessment</p>		<p>Math Expressions Teacher Assessment Guide Unit 4 Test Q#1-8, 25 Unit 5 Test Q# 24, 25</p>	<p>Math Expressions Teacher Assessment Guide Performance Task Unit 4 or Unit 5</p>
<p>Compares 2 two-digit numbers using the symbols <math>&gt;</math>, <math>=</math>, and <math>&lt;</math>.</p> <p>Benchmark</p>			<p>LS – Correct words or symbols less than 80% of the time.</p> <p>DS –Can use words but not symbols correctly</p> <p>MS – Compares 2 digit numbers using symbols to 90%(?)accuracy</p> <p>ES – No ES for this standard</p>

## Chelmsford Public Schools Grade 1 Math Report Card Benchmarks

<p>Compares 2 two-digit numbers using the symbols <math>&gt;</math>, <math>=</math>, and <math>&lt;</math>.</p> <p>Potential Assessment</p>		<p>Math Expressions Teacher Assessment Guide Unit 4 Q# 11-14, 25</p>	<p>Math Expressions Student Activity Book Page 252 Remembering Page Unit 5 Lesson 9 #5-10</p>
	Term 1	Term 2	Term 3
<p>Uses place value understanding and properties of operations to add within 100 and subtract multiples of 10.</p> <p>Benchmark</p>			<p>LS – Adds within 100 and subtracts multiples of 10 to less than 70% accuracy.</p> <p>DS – Adds within 100 and subtracts multiples of 10 to 80% accuracy.</p> <p>MS – Adds within 100 and subtracts multiples of 10 to 90% accuracy.</p> <p>ES – Adds and subtracts beyond 100.</p>

## Chelmsford Public Schools Grade 1 Math Report Card Benchmarks

<p>Uses place value understanding and properties of operations to add within 100 and subtract multiples of 10.</p> <p>Potential Assessment</p>		<p>Math Expressions Teacher Assessment Guide Unit 4 Q# 5, 15, 18-25</p>	<p>Math Expressions Student Activity Book page 164 Subtracting Multiples of 10 Differentiated Instruction On Level Card Unit 5 Lesson 10</p>
--	--	---	--

MEASUREMENT & DATA	Term 1	Term 2	Term 3
<p>Measures objects as a whole number of standard length units.</p> <p>Benchmark</p>			<p>LS – Needs assistance to measure objects as whole number of standard length units. DS – Measures objects as whole number of standard length units to &gt; 75% but &lt; 90% accuracy. MS – Measures objects as whole number of standard length units to 90% accuracy. ES – Can measure objects using centimeter and inch rulers with no prompting or assistance.</p>
<p>Measures objects as a whole number of standard length units.</p> <p>Potential Assessment</p>			<p>Math Expressions Unit 7, Lesson #13 Homework &amp; Remembering Page 177-179 Unit 7 Test Q# 8, 9, 10</p>

## Chelmsford Public Schools Grade 1 Math Report Card Benchmarks

<p>Tells and writes time to hour and half-hour. Benchmark</p>			<p>LS – Needs assistance with telling and writing time to hour DS –Tells and writes time to hour only. MS – Tells and writes time to hour and ½ hour to 90% accuracy. ES – Tells and writes time to quarter hour.</p>
<p>Tells and writes time to hour and half-hour. Potential Assessment</p>			<p>Math Expressions Unit 7 Test Q# 1, 2 Unit 7 Lessons 1-5 Homework Sheets</p>

MEASUREMENT & DATA	Term 1	Term 2	Term 3
<p>Works with US coins, using values to solve money problems. Benchmark</p>			<p>LS – Knows some US coin names and values.</p> <p>DS – Knows all US coins and can solve money problems with pennies, dimes, and nickels correctly to &gt; 70 % but less than 85% accuracy.</p> <p>MS – Knows all US coins and can solve money problems with pennies, dimes, and nickels correctly to 85% accuracy.</p>

## Chelmsford Public Schools Grade 1 Math Report Card Benchmarks

			ES – Knows all US coins and can solve money problems with quarters, pennies, dimes, and nickels correctly to 90% accuracy.
Works with US coins, using values to solve money problems.  Potential Assessment		Think Central Website: Meeting Massachusetts Standards with Math Expressions, G1 MA – 1 through 8	Think Central Website: Meeting Massachusetts Standards with Math Expressions, G1 MA – 1 through 8
Represents and interprets data with graphs and charts.  Benchmark			LS – Needs prompting and assistance to represent and interpret data with graphs and charts.  DS – Some prompting needed to represent and interpret data with graphs and charts.  MS – Represents and interprets data with graphs and charts to 85% accuracy.  ES – No ES for this standard.

## Chelmsford Public Schools Grade 1 Math Report Card Benchmarks

Represents and interprets data with graphs and charts.  Potential Assessment			Unit 6 Student Activity Book Lesson # 2-5 Homework Unit 6 Lessons #2-5 Unit 6 Test Q# 1-5, 10
GEOMETRY	Term 1	Term 2	Term 3
Understands 2-D and 3-d shapes and their attributes.  Benchmark			<p>LS – Needs assistance with sorting and defining 2D shapes; does not know defining attributes of 3D shapes.</p> <p>DS – Sorts and distinguishes defining attributes of 2D <u>or</u> 3D shapes.</p> <p>MS – Sorts and distinguishes defining attributes of 2D <u>and</u> 3D shapes.</p> <p>ES – Can give correct geometric names for 2D and 3D shapes.</p>
Understands 2-D and 3-d shapes and their attributes.  Potential Assessment			Unit 7 2D and 3D shapes “Museum” Student Activity Book Page 217 (2D) Page 229 (3D) Homework & Remembering page 171