

**Everyday Mathematics Assessment Opportunities Grade 1**  
MMR = Mental Math Reflex, TLG = Teacher's Lesson Guide, HL = Home Link

**Unit 1 Pacing: Late August**

Goal		Description of EM Learning Goal	Math Msg TLG page:	MMR TLG page:	Journal page	Math Box Student page:	Tests (1.14 p. 71ff)	Games, H.L., Assessments TLG page:	Other
1a	DS	<b>Count by 5's to 40</b> <i>EM Strand:</i> Numeration <i>IN Standard:</i> 2.1.1		p.18 (1.2) p.23 (1.3) p.40 (1.7)			Oral #3		
1b	DS	<b>Count by 2's to 40</b> <i>EM Strand:</i> Numeration <i>IN Standard:</i> 2.1.1		p.52 (1.10) p.67 (1.13)			Oral #4		
1c	DS	<b>Write numbers from 1-20</b>  <i>EM Strand:</i> Numeration <i>IN Standard:</i> 1.1.1					Slate #1-7 Written #1,3,6  <b>ISTEP+ Test 5 #1-3</b>		Masters p.2
1d	DS	<b>Compare pairs of numbers less than 16</b> <i>EM Strand:</i> Numeration <i>IN Standard:</i> 1.1.5					Slate #1-5 Written #3-5	Top-it (1.6) p.36	
1e	D	<b>Write and count tallies</b>  <i>EM Strand:</i> Numeration <i>IN Standard:</i>		p.43 (1.8)			Written #1,2  <b>ISTEP+ Test 1 #5</b>	Dice Roll & Tally (1.5) p. 44	
1f	S	<b>Count up and back by 1's, starting with any number up to and including 20.</b> <i>EM Strand:</i> Numeration <i>IN Standard:</i> 1.1.4		p.40 (1.7) p.47 (1.9)			Oral #1,2 Written #3  <b>ISTEP+ Test 1 # 1-4</b>		
1g	S	<b>Count 20 or more objects</b>  <i>EM Strand:</i> Numeration <i>IN Standard:</i> 1.1.1					Slate #6,7 Written #3  <b>ISTEP+ Test 5 #1-3</b>	Alt Assess. Bundle Craft Sticks p. 74	Extra Practice p.29 Minute Math p 29, 31

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**Unit 2 Pacing: Late September / Early October**

Goal		Description of EM Learning Goal	Math Msg TLG page:	MMR TLG page:	Journal page	Math Box Student page:	Tests (2.14 p. 149ff)	Games, H.L., Assessments TLG page:	Other
2a	DS	<b>Calculate the values of combinations of pennies and nickels</b>  <i>EM Strand:</i> Computation <i>IN Standard:</i> 1.5.7		p. 140 (2.12)	p. 23 (2.10) #1-5  p.29 (2.13) #1-2	p. 30 (2.13) #4	Written #3-5  <b>ISTEP+ Test 2 #1,2,3</b>	Solving Penny Grab Problems (2.8) p.123  Playing Nickel/Penny Grab (2.11) p.138	
2b	D	<b>Find Complements of 10</b> <i>EM Strand:</i> Computation <i>IN Standard:</i> 1.2.3				p. 16 (2.6) #3 p. 22 (2.9) #1 p. 30 (2.13) #3	Slate #6	Two-Fisted Penny Addition (2.3) p. 98	Enrichment p. 105 Masters p.10
2c	D	<b>Solve addition and subtraction number stories</b>  <i>EM Strand:</i> Algebra <i>IN Standard:</i> 1.3.1		p. 117 (2.7)			Slate #3, 6  <b>ISTEP+ Test 6 #5,6</b>		
2d	DS	<b>Count up and back by 1's on the number grid</b>  <i>EM Strand:</i> Numeration <i>IN Standard:</i>		p. 88 (2.1)		p. 19 (2.8) #1,2 p. 22 (2.9) #4 p. 26 (2.11) #3 p. 30 (2.13) #1	Oral #5 Slate #1	Rolling to 50 (2.1) p. 89	
2e	DS	<b>Tell time to the nearest hour</b>  <i>EM Strand:</i> Measurement <i>IN Standard:</i> 1.5.6			p.15 (2.6)	p. 24 (2.10) #2 p. 26 (2.11) #4 p. 27 (2.12) #1 p. 30 (2.13) #2	Oral #6 Written #1,2 <b>ISTEP+ Test 4 #3-6</b>		Masters p.14
2f	DS	<b>Exchange pennies for nickels</b>  <i>EM Strand:</i> Computation <i>IN Standard:</i> 1.5.7			p.20 (2.9) p.23 (2.10) #4,5	p.24 (2.19) #3 p.31 (2.14) #2	Written #5 p. 150  <b>ISTEP+ Test 2 #1,2,3</b>	Exchange Game (2.9) p.127  Nickel Penny Grab (2.11) p.138	
2g	S	<b>Count by 2's to 40. Count by 5's to 50</b>  <i>EM Strand:</i> Number Sense <i>IN Standard:</i> 2.1.1		p.145 (2.13)		p. 17 (2.7) #1 <b>5's</b> p. 24 (2.10) #4 <b>2's</b> p. 26 (2.11) #2 <b>5's</b> p. 31 (2.14) #4 <b>2's</b>	Oral #1,2,3 p. 150		

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**Unit 3 Pacing: Late October**

Goal	Description of EM Learning Goal	Math Msg TLG page:	MMR TLG page:	Journal page	Math Box Student page:	Tests (3.15 p.237ff)	Games, H.L., Assessments TLG page:	Other
3a	<b>BD</b> <b>Complete Frames-and-Arrows diagrams</b> <i>Strand: Algebra</i> <i>IN Standard:1.3.4</i>			p. 47 (3.8) p. 49 (3.9) p. 56 (3.11)	p.59 (3.12) #4	Written #4		3.8 Frames and Arrows, Masters p.28
3b	<b>D</b> <b>Identify and complete patterns</b> <i>Strand: Algebra</i> <i>IN Standard:1.3.4</i>			p.36 (3.3) p.47 (3.8) p.49 (3.9)	p.46 (3.7) #3	Written #4  <b>ISTEP+ Test 4 #1,2</b>	Alternative Assess. Identify and Complete Patterns, p.239	Masters (3.14) p.31  Extra Practice (3.1) p. 172
3c	<b>D</b> <b>Solve addition and subtraction problems by skip counting on the number line and the number grid.</b> <i>Strand: Computation</i> <i>IN Standard:2.1.2</i>			p.40 (3.5) p.42 (3.6) p.53 (3.10)		Oral #1,2,3 Slate #1 Written #5		
3d	<b>D</b> <b>Identify numbers as even or odd.</b> <i>Strand: Numeration</i> <i>IN Standard:2.1.7</i>		p. 232 (3.14)		p.43 (3.6) #2 p.59 (3.12) #1	Slate #5 Written #2	H.L. (3.5) p. 191 & Masters p. 184	Masters p. 23, 24
3e	<b>D</b> <b>Know the values of pennies, nickels, and dimes, and calculate the values of combinations of these coins.</b> <i>Strand: Operations</i> <i>IN Standard:1.5.7</i>			p. 58 (3.12)	p. 48 (3.8) #3 p. 61 (3.13) #1	Written #3  <b>ISTEP+ Test 2 #1,2,3</b>	Coin Top-It (3.11) p. 221 Coin Dice (3.15) p. 240 H.L. (3.11) p.220 & Masters p. 192	Reteach p. 221
3f	<b>D</b> <b>Tell time to the nearest half-hour.</b> <i>Strand: Measurement</i> <i>IN Standard:1.5.6</i>			p.44 (3.7)	p. 61 (3.13) #3	Written #1 Oral #4 <b>ISTEP+ Test 4 #3-6</b>		
3g	<b>D</b> <b>Solve addition and subtraction number stories.</b> <i>Strand: Computations</i> <i>IN Standard: 1.3.1</i>		p. 222 (3.12)			Slate #3 <b>ISTEP+ Test 6 #3,6</b>		

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**Unit 4 Pacing: Late November**

Goal		Description of EM Learning Goal	Math Msg TLG page:	MMR TLG page:	Journal page	Math Box Student page:	Tests (4.13 p.317ff)	Games, H.L., Assessments TLG page:	Other
4a	D	<b>Use standard units for measuring length.</b> <i>Strand:</i> Measurement <i>IN Standard:</i> 1.5.1				p. 82 (4.6) #4 p. 86 (4.8) #4 p. 94 (4.12) #4	Written #3-6		
4b	D	<b>Find sums and missing addends.</b> <i>Strand:</i> Computation/Algebra <i>IN Standard:</i> 1.3.3			p. 88 (4.9) p. 91 (4.11)	p. 86 (4.8) #3 p. 92 (4.11) #1 p. 94 (4.12) #2 p. 95 (4.13) #3	Written #8-13	Two- Fisted Penny Addition (4.8) p. 294 Domino Top-It (3.14) p. 233 Shaker Addition (4.12) p. 313	
4c	D	<b>Calculate the values of combinations of pennies, nickels, and dimes.</b> <i>Strand:</i> Computation/Measurement <i>IN Standard:</i> 1.5.3, 1.5.7				p. 84 (4.7) #3 p. 89 (4.9) #2 p. 92 (4.11) #4 p. 94 (4.12) #3	Slate #2 Written #7  <b>ISTEP+</b> <b>Test2 #1-3</b>		
4d	D	<b>Solve addition and subtraction number stories.</b> <i>Strand:</i> Computation/Algebra <i>IN Standard:</i> 1.3.1,1.3.2		p. 282 (4.6) p. 297 (4.9)			Slate #9  <b>ISTEP+</b> <b>Test 6 #5,6</b>		
4e	DS	<b>Order and compare numbers to 22.</b> <i>Strand:</i> Numeration <i>IN Standard:</i> 1.1.5				p. 74 (4.3) #1 p. 76 (4.4) #1	Slate #3,4  <b>ISTEP+</b> <b>Test 1 #5</b>		
4f	DS	<b>Tell time to the nearest half-hour.</b> <i>Strand:</i> Measurement <i>IN Standard:</i> 1.5.6		p. 276 (4.5)	p. 85 #1, 2	p. 82 (4.6) #2 p. 69 (4.2) #2 p. 76 (4.4) #3 p. 84 (4.7) #1 p. 90 (4.10) #3	Written #1 Slate #5 Oral #5	Time Match Game (4.4) p. 274	

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**Unit 5 Pacing: Late December**

Goal		Description of EM Learning Goal	Math Msg TLG page:	MMR TLG page:	Journal page	Math Box Student page:	Tests (5.14 p. 398ff)	Games, H.L., Assessments TLG page:	Other
5a	BD	<b>Find missing numbers and/or the missing rule in "What's My Rule?" Problems</b> <i>Strand:</i> Computation <i>IN Standard:</i>	5.13 p. 394			p. 115 (5.8) #3 p. 128 (5.13) #4	Written #16,17		Masters p. 71 Masters p. 72
5b	D	<b>Understand place value for tens and ones.</b>  <i>Strand:</i> Numeration <i>IN Standard:</i> 1.1.2		p. 340 (5.2) p. 346 (5.3) p. 351 (5.4) p. 360 (5.6)		p. 103 (5.3) #4 p. 112 (5.7) #1	Oral #3 Slate #5 Written #9,10 <b>ISTEP+ Test 6 #3</b>	Tens and Ones Trading Game (5.3) p.348	Options p.344
5c	D	<b>Compare numbers using &lt; and &gt;.</b> <i>Strand:</i> Numeration <i>IN Standard:</i>	p. 360 (5.6)			p. 101 (5.2) #4 p. 112 (5.7) #4	Written #11-14	Top- It w/ Relation Symbols (5.3) p.347  Animal Weight Top-It (5.5) p. 359	Options p.349
5d	D	<b>Know +1, +0, doubles, and sums of 10 addition facts.</b> <i>Strand:</i> Computation <i>IN Standard:</i>					Slate #4 Written #1-8	Shaker Addition Top-It (5.5) p.358	
5e	D	<b>Solve addition and subtraction number stories.</b> <i>Strand:</i> Computation <i>IN Standard:</i> 1.3.1	p. 356 (5.5) p. 366 (5.7) p. 370 (5.8)			p. 110 (5.6) #3 p. 112 (5.7) #3	Slate #6 Written #15 <b>ISTEP+ Test 6 #5,6</b>		Options p.368

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**Unit 6 Pacing: Late January**

Goal		Description of EM Learning Goal	Math Msg TLG page:	MMR TLG page:	Journal page	Math Box Student page:	Tests (6.13 p. 549ff)	Games, H.L., Assessments TLG page:	Other
6a	B	<b>Measure objects to the nearest centimeter.</b> <i>Strand:</i> Measurement <i>IN Standard:</i> 1.5.4	p. 519 (6.7)		p. 144 (6.6) p. 150 (6.9)	p. 148 (6.8) #4 p. 154 (6.10) #4 p. 158 (6.12) #2	Written #3, 4		
6b	B	<b>Understand digital notation for time.</b> <i>Strand:</i> Measurement <i>IN Standard:</i>		p. 523 (6.6) p. 540 (6.11)	p.153 (6.10)	p. 156 (6.11) #4 p. 158 (6.12) #1	Slate #6 Written #1, 2	Time Match Game (6.10) p. 538	
6c	BD	<b>Know addition facts.</b>  <i>Strand:</i> Computation <i>IN Standard:</i> 1.2.4	p.486 (6.1) p.493 (6.2) p.550 (6.3)		p.131-4 (6.1) p.135 (6.2) p.139 (6.4) p.140 (6.4) p.147 (6.8)	p. 132 (6.1) #1 p. 145 (6.6) #3 p. 156 (6.11) #3	Written #5-10	Addition Top-it (6.4) p.489 Fact Power Game (6.4) p.506-7 Beat The Calculator (6.4) p. 506 Shaker Addition Top-It (6.4) p. 315 Exploration B (6.7) p. 520	
6d	BD	<b>Calculate the values of combinations of pennies, nickels, dimes, and quarters.</b>  <i>Strand:</i> Computation, Measurement <i>IN Standard:</i> 1.5.7, 2.5.12		p.545 (6.12) p.486 (6.1)	p.149 (6.9)	p. 138 (6.3) #2 p. 141 (6.4) #1 p. 146 (6.7) #2 p. 133 (6.3) #2 p. 146 (6.7) #2 p. 154 (6.10) #1	Oral #5 Written #11  <b>ISTEP+ Test2 #1-3</b>	Dime-Nick-Penny Grab (6.8) p.526 Coin Exchange (6.9) p.537 Coin Top-it (6.9) p.532 Coin Dice (6.10) p. 240 Ongoing Assess. (6.9) p. 530	
6e	D	<b>Find equivalent names for a number</b> <i>Strand:</i> Computation <i>IN Standard:</i> 1.2.3			p.133 (6.2)	p. 138 (6.3) #3	Written #12		Masters p. 75

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**Unit 7 Pacing: Late January**

Goal		Description of EM Learning Goal	Math Msg TLG page:	MMR TLG page:	Journal page	Math Box Student page:	Tests (7.8 p. 597ff)	Games, H.L., Assessments TLG page:	Other
7a	B	<b>Identify 3-dimensional shapes and know their characteristics.</b> <i>Strand: Geometry</i> <i>IN Standard:2.4.2</i>	p.589 (7.6)			p. 173 (7.7) #2	Oral #4 Written #4		Enrichment p. 592 Extra Practice p. 592
7b	B	<b>Identify symmetrical figures.</b> <i>Strand: Geometry</i> <i>IN Standard:</i>	p.594 (7.7)			p. 173 (7.7) #4	Written #3		Enrichment p. 596
7c	D	<b>Sort and identify objects by attributes.</b> <i>Strand: Geometry</i> <i>IN Standard:1.4.3</i>					Oral #3 Written #2	Guess The Rule (7.2) p.571 Attribute Train Game (7.2) p.571	Options p. 592
7d	BD	<b>Identify polygons and know their characteristics.</b> <i>Strand: Geometry</i> <i>IN Standard:1.4.2</i>				p. 173 (7.7) #1,3	Oral #4 Written #1	Ongoing Assess. (7.6) p. 591 Ongoing Learning & Pract. (7.6) p. 591	Enrichment p. 591
7e	D	<b>Know addition facts.</b> <i>Strand: Computation</i> <i>IN Standard:1.2.4</i>				p. 162 (7.2) #4 p. 168 (7.4) #1	Slate #7 Written #5 <b>ISTEP+ Test 7 #1-4</b>	Addition Top-it (6.1) p. 489 Fact Power Game (6.4) p.506 Beat The Calculator (6.4) p. 506	Masters p. 75

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**Unit 8 Pacing: Late March**

Goal	Description of EM Learning Goal	Math Msg TLG page:	MMR TLG page:	Journal page	Math Box Student page:	Tests (8.10 p. 657ff)	Games, H.L., Assessments TLG page:	Other
8a	<b>B</b> <b>Make change for amounts less than a \$1.</b> <i>Strand:</i> Computation <i>IN Standard:</i>	p. 635 (8.1)			p. 201 (8.9) #6	Slate #5 Written #1	Coin Exchange (6.10) p. 537 One-Dollar Exchange (8.2) p.621	Enrichment p.638
8b	<b>BD</b> <b>Identify fractional parts of regions and sets with a focus on unit fractions.</b>  <i>Strand:</i> Numeration <i>IN Standard:</i> 1.1.9	p. 640 (8.6) p. 644 (8.7) p. 649 (8.8)	p. 644 (8.7)		p. 197 (8.7) #3	Slate #5 Written #9-12 <b>ISTEP+ Test 9 #3</b>		Masters p. 107 Masters p. 108 Options p. 168
8c	<b>D</b> <b>Count sets of quarters, dimes, nickels, and pennies.</b>  <i>Strand:</i> Computation <i>IN Standard:</i> 1.5.7	p. 614 (8.1)			p. 178 (8.1) #2 p. 194 (8.6) #3	Oral #4 Slate #1 Written #1,2 <b>ISTEP+ Test2 #1-3</b>	Dime-Nick-Penny Grab (6.8) p.526	Minute Math p.65-67 Options p.623 Options p.638
8d	<b>D</b> <b>Solve number stories.</b>  <i>Strand:</i> Computation <i>IN Standard:</i> 1.3.1, 1.6.1	p. 630 (8.4) p. 635 (8.5)		p.185 (8.4)	p. 188 (8.4) #4	Slate #5 Written #12 <b>ISTEP+ Test 6 #5,6</b>		Options p. 373
8e	<b>DS</b> <b>Understand place value for 10's and 1's.</b>  <i>Strand:</i> Numeration <i>IN Standard:</i> 2.1.3		p. 614 (8.1) p. 629 (8.4) p. 630 (8.4) p. 635 (8.5)		p. 188 (8.4) #3 p. 191 (8.5) #1 p. 194 (8.6) #2 p. 197 (8.7) #4	Oral #2 Slate #2,3,4 Written #6-8	Base-10 Exchange (8.4) p.633	Options p.628
8f	<b>DS</b> <b>Know addition facts for +1, +0, doubles and sums of 10.</b>  <i>Strand :</i> Computation <i>IN Standard:</i> 1.2.4		p. 625 (8.3)	p. 186 (8.4) p. 187 (8.4)		Slate #6 Written #3-5 <b>ISTEP+ Test 7 #1-4</b>	3,2,1 Game (8.5) p. 637 Fact Power Game (6.4) p. 506 Addition Top-It (6.1) p. 489 Shaker Addition Top-It (4.12) p.315	

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**Unit 9 Pacing: Mid April**

Goal		Description of EM Learning Goal	Math Msg TLG page:	MMR TLG page:	Journal page	Math Box Student page:	Tests (9.9 p. 711ff)	Games, H.L., Assessments TLG page:	Other
9a	B	<b>Solve addition and subtraction problems.</b> <i>Strand:</i> Computation <i>IN Standard:</i> 2.2.2, 2.2.3		p. 706 (9.8)		p. 205 (9.1) #1	Slate #5 Written #4-7		
9b	B	<b>Compare fractions less than 1.</b> <i>Strand:</i> Numeration <i>IN Standard:</i> 2.1.9					Written #11-16		Options (9.7) p.705
9c	B	<b>Find equivalent fractions.</b> <i>Strand:</i> Numeration <i>IN Standard:</i>			p. 219 (9.7)	p. 224 (9.8) #4	Slate #1 Written #11-16	H.L. (9.7) p. 705 Masters p. 287	Options (9.8) p.710
9d	BD	<b>Identify fractional parts of a region.</b>  <i>Strand:</i> Numeration <i>IN Standard:</i> 1.1.9				p. 211 (9.3) #2 p. 214 (9.4) #1 p. 216 (9.5) #5 p. 224 (9.8) #4	Slate #1 Written #8-10 <b>ISTEP+ Test 9 #3</b>		
9e	D	<b>Identify and use number patterns on the number grid.</b> <i>Strand:</i> Computation <i>IN Standard:</i>				p. 214 (9.4) #3 p. 216 (9.5) #4 p. 221 (9.7) #2 p. 224 (9.8) #3	Written #1-3	Number Grid Game (9.2) p. 681 Number Grid Puzzles (9.3) p.685	

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**Unit 10 Pacing: June**

Goal	Description of EM Learning Goal	Math Msg TLG page:	MMR TLG page:	Journal page	Math Box Student page:	Tests	Games, H.L., Assessments TLG page:	Other
10a	<b>Lesson 10.1:</b> Make a line plot of a set of data and find the mode and median of a set of data. (See lessons 1.7, 3.13, 4.7, and 6.12) <i>Strand:</i> Data & Chance <i>IN Standard:</i> 1.1.10					ISTEP+ Test 5 #4-8		
10b	<b>Lesson 10.2:</b> Review telling time on an analog clock and writing times in digital notation; practice alternate ways of naming times; and calculate elapsed times. (See lessons 2.5, 2.6, 3.7, 4.8, 6.10) <i>Strand:</i> Measurement <i>IN Standard:</i> 1.5.6					ISTEP+ Test 4 #3-6		
10c	<b>Lesson 10.3:</b> Review showing amounts of money with coins (2.8-2.10, 3.11, 3.12, 6.9, 8.1, 8.2, 8.4, 8.5, 8.8) and solve number stories involving addition of 2-digit numbers (Units 5 and 6). <i>Strand:</i> Measurement, Operations and Computation <i>IN Standard:</i> 1.5.7, 1.3.1					ISTEP+ Test 2 #1-3  ISTEP+ Test 6 #5-6		
10d	<b>Lesson 10.4:</b> Solve comparison number stories (See lessons 1.13, 2.13, and 5.6-5.8) and calculate amounts of change from purchases (See lessons 8.4 and 8.5). <i>Strand:</i> Operations and Computation <i>IN Standard:</i>							
10e	<b>Lesson 10.5:</b> Review the names and some of the characteristics of polygons and the names of the basic 3-dimensional shapes. (See unit 7 and lessons 1.11, 3.4, 4.7, 6.7) <i>Strand:</i> Geometry <i>IN Standard:</i> 1.4.2, 1.4.3, 1.4.4, 1.4.7							