

Curriculum Mapping
Math – 3rd Grade
1st Nine Weeks
Tiffany Leger

Chapter 1 : Addition and Subtraction within 1,000	Number of School Days: 17 days instruction, 2 days assessments, total 19 days
Chapter Vocabulary: thousands, place value, word form, expanded form, standard form, greater than, less than, equal to, compare, even, odd, pattern, round, estimate, addend, sum, regroup, compatible numbers, associative property of addition, commutative property of addition, difference	
Code for Indiana Standards: NS=Number Sense C=Computation AT= Algebraic Thinking G = Geometry M = Measurement and DS=Data Analysis and Statistics High Importance Moderate Importance Low Importance	

Lesson	Indiana Standard(s)	Learning Targets and “I CAN” Statements	Resources/Activities	Pacing (in school days)	Assessments
Chapter Intro/Pre Test			Show What You Know/Vocab Activities: Student Book p. 3-4D	Day 1	Personal Math Trainer Pre-Test (available on ThinkCentral)
1.0a Numbers Through Hundreds	3.NS.1	I can show equivalent forms of whole numbers to 1,000. I can use models to represent numbers.	INSuccess Lesson: Explore: TE p. 1A, 1-2 Explain: Share and Show p. 3	Day 2	INSuccess Lesson: Elaborate: On Your Own/Problem Solving pg. 3-4 Elaborate: Practice and Homework pg. 5-6 Evaluate: TE p. 1A
1.0b Numbers Through Ten Thousand	3.NS.1	I can show equivalent forms of whole numbers to 10,000. I can use models to represent numbers.	INSuccess Lesson: Engage: TE pg. 7A Explore: p. 7-8 Explain: Share and Show pg. 9	Day 3	INSuccess Lesson: Elaborate: On Your Own/Problem Solving pg. 9-10 Elaborate: Practice and Homework pg. 11-12 Evaluate: TE pg. 7A
1.0c Read and Write Numbers Through Ten Thousand	3.NS.1	I can read and write numbers to 10,000. I can write numbers in word form.	INSuccess Lesson: Engage: TE pg. 13A Explore: p. 13-14 Explain: Share and Show pg. 14	Day 4	INSuccess Lesson: Elaborate: On Your Own/Problem Solving pg. 15-16 Elaborate: Practice and Homework pg. 17-18 Evaluate: TE pg. 13A

		I can write numbers in expanded form.			
		I can show equivalent forms of whole numbers to 10,000.			
1.0d Compare Numbers Through Ten Thousand	3.NS.2	I can compare numbers to 10,000 using greater than, less than, and equal to symbols.	INSuccess Lesson: Engage: TE pg. 19A Explore: p. 19-20 Explain: Share and Show pg. 21	Day 5	INSuccess Lesson: Elaborate: On Your Own/Problem Solving pg. 21-22 Elaborate: Practice and Homework pg. 23-24 Evaluate: TE pg. 19A
1.1 Algebra and Number Patterns	3.NS.1	I can identify patterns in addition. I can use my understanding of even and odd to help me add and subtract.	Engage: TE pg. 5B Explore: p. 5-6 Explain: Share and Show pg. 7	Day 6	Elaborate: On Your Own/Problem Solving pg. 7-8 Elaborate: Practice and Homework pg. 9 - 10 Evaluate: TE pg. 8
1.2 Round to the Nearest Ten or Hundred	3.NS.9	I can round numbers to the nearest 10. I can round numbers to the nearest 100.	Engage: TE pg. 11B Explore: p. 11-12 Explain: Share and Show pg. 13	Day 7 Day 8	Elaborate: On Your Own/Problem Solving pg. 13-14 Elaborate: Practice and Homework pg. 15-16 Evaluate: TE pg. 14
1.3 Estimate Sums	3.NS.9	I can estimate sums by rounding to the nearest ten. I can estimate sums by rounding to the nearest hundred. I can estimate sums by using compatible numbers.	Engage: TE pg. 17B Explore: p. 17-18 Explain: Share and Show pg. 19	Day 9	Elaborate: On Your Own/Problem Solving pg. 19-20 Elaborate: Practice and Homework pg. 21-22 Evaluate: TE pg. 20
1.4 Mental Math Strategies for Addition	3.C.1	I can use mental math strategies to add numbers within 1000.	Engage: TE pg. 23B Explore: p. 23-24 Explain: Share and Show pg. 24-25	Day 10	Elaborate: On Your Own/Problem Solving pg. 25-26 Elaborate: Practice and Homework pg. 27-28 Evaluate: TE pg. 26
1.5 Algebra /Use	3.C.1	I can use properties of addition to add numbers within 1,000.	Engage: TE pg. 29B Explore: p. 29-30	Day 11	Elaborate: On Your Own/Problem Solving pg. 31-32

Properties to Add			Explain: Share and Show pg. 30-31		Elaborate: Practice and Homework pg. 33-34 Evaluate: TE pg. 32
1.6 Use the Break Apart Strategy to Add	3.C.1	I can use the break apart strategy to add numbers within 1,000.	Engage: TE pg. 35B Explore: p. 35-36 Explain: Share and Show pg. 36-37	Day 12	Elaborate: On Your Own/Problem Solving pg. 37-38 Elaborate: Practice and Homework pg. 39-40 Evaluate: TE pg. 38
1.7 Use Place Value to Add/Mid Chapter Checkpoint	3.C.1	I can use place value to add numbers within 1,000.	Engage: TE pg. 41B Explore: p. 41-42 Explain: Share and Show pg. 43	Day 13	Elaborate: On Your Own/Problem Solving pg. 43-44 Elaborate: Practice and Homework pg. 45-46 Evaluate: TE pg. 44 Mid-Chapter Checkpoint (Optional) p. 47-48
1.8 Estimate Differences	3.NS.9	I can estimate differences by rounding to the nearest ten. I can estimate differences by rounding to the nearest hundred. I can estimate differences using compatible numbers.	Engage: TE pg. 49B Explore: p. 49-50 Explain: Share and Show pg. 51	Day 14	Elaborate: On Your Own/Problem Solving pg. 51-52 Elaborate: Practice and Homework pg. 53-54 Evaluate: TE pg. 52
1.9 Mental Math Strategies for Subtraction	3.C.1	I can use appropriate strategies to subtract numbers within 1000.	Engage: TE pg. 55B Explore: p. 55-56 Explain: Share and Show pg. 56-57	Day 15	Elaborate: On Your Own/Problem Solving pg. 57-58 Elaborate: Practice and Homework pg. 59-60 Evaluate: TE pg. 58
1.10 Use Place Value to Subtract	3.C.1	I can use place value to subtract numbers within 1,000.	Engage: TE pg. 61B Explore: p. 61-62 Explain: Share and Show pg. 62-63	Day 16	Elaborate: On Your Own/Problem Solving pg. 63-64 Elaborate: Practice and Homework pg. 65-66 Evaluate: TE pg. 64
1.11 Combine Place Values to Subtract	3.C.1	I can combine place values to subtract numbers within 1,000.	Engage: TE pg. 67B Explore: p. 67-68 Explain: Share and Show pg. 69	Day 17	Elaborate: On Your Own/Problem Solving pg. 69-70 Elaborate: Practice and Homework pg. 71-72 Evaluate: TE pg. 70

1.12 Problem Solving/ Model Addition and Subtraction	3.AT.1 3.AT.3	I can solve real-world problems involving addition within 1,000 using multiple strategies. I can solve real-world problems involving subtraction within 1,000 using multiple strategies.	Engage: TE pg. 73B Explore: pg. 73-74 Explain: Share and Show pg. 75	Day 18	Elaborate: On Your Own/Problem Solving pg. 75-76 Elaborate: Practice and Homework pg. 77-78 Evaluate: TE pg. 76
Chapter 1 Test				Day 19	Chapter 1 Assessment

Chapter 2 : Represent and Interpret Data	Number of School Days: 9 days instruction, 2 days assessments, total 11 days
Chapter Vocabulary: frequency table, data, tally table, survey, observation, key, picture graph, experiment, survey, bar graph, horizontal bar graph, scale, vertical bar graph, skip count, line plot, prediction	
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Lesson	Indiana Standard(s)	Learning Targets and “I CAN” Statements	Resources/Activities	Pacing (in school days)	Assessments
Chapter Intro/Pre Test			Show What You Know/Vocab Activities: Student Book p. 85-86B	Day 20	Personal Math Trainer Pre-Test (available on ThinkCentral)
2.1 Problem Solving/ Organize Data	3.AT.1 3.DA.1	I can solve real-world problems involving addition within 1000 using multiple strategies. I can solve real-world problems involving subtraction within 1000 using multiple strategies. I can solve problems based on data.	Engage: TE pg. 87B Explore: pg. 87-88 Explain: Share and Show pg. 89	Day 21	Elaborate: On Your Own/Problem Solving pg. 89-90 Elaborate: Practice and Homework pg. 91-92 Evaluate: TE pg. 90

		I can represent data by creating frequency tables.			
2.1a Collect Data	3.DA.1	<p>I can solve real-world problems involving addition within 1000 using multiple strategies.</p> <p>I can solve real-world problems involving subtraction within 1000 using multiple strategies.</p> <p>I can solve problems based on data.</p> <p>I can represent data by creating frequency tables.</p> <p>I can collect data through observations, surveying, and experiments.</p>	<p>INSuccess Lesson: Engage: TE pg. 25A Explore: pg. 25-26 Explain: Share and Show pg. 27</p>	Day 22	<p>INSuccess Lesson: Elaborate: On Your Own/Problem Solving pg. 27-28 Elaborate: Practice and Homework pg. 29-30 Evaluate: TE pg. 25A</p>
2.2 Use Picture Graphs	3.C.1 3.DA.1	<p>I can solve real-world problems involving addition within 1,000 using multiple strategies.</p> <p>I can solve real-world problems involving subtraction within 1,000 using multiple strategies.</p> <p>I can represent data by reading scaled picture graphs.</p>	<p>Engage: TE pg. 93B Explore: pg. 93-94 Explain: Share and Show pg. 94</p>	Day 23	<p>Elaborate: On Your Own/Problem Solving pg. 95-96 Elaborate: Practice and Homework pg. 97-98 Evaluate: TE pg. 96</p>
2.3 Make Picture Graphs/ Mid Chapter Checkpoint	3.C.1 3.DA.1	<p>I can solve real-world problems involving addition within 1,000 using multiple strategies.</p> <p>I can solve real-world problems involving subtraction within 1000 using multiple strategies.</p> <p>I can represent data by creating scaled picture graphs.</p>	<p>Engage: TE pg. 99B Explore: pg. 99-100 Explain: Share and Show pg. 100</p>	Day 24	<p>Elaborate: On Your Own/Problem Solving pg. 101-102 Elaborate: Practice and Homework pg. 103-104 Evaluate: TE pg. 102 Mid-Chapter Checkpoint (Optional) pg. 105-106</p>

2.4 Use Bar Graphs	3.C.1 3.DA.1	<p>I can solve real-world problems involving addition within 1000 using multiple strategies.</p> <p>I can solve real-world problems involving subtraction within 1000 using multiple strategies.</p> <p>I can represent data by reading scaled picture graphs.</p>	Engage: TE pg. 107B Explore: pg. 107-108 Explain: Share and Show pg. 108	Day 25	<p>Elaborate: On Your Own/Problem Solving pg. 109-110</p> <p>Elaborate: Practice and Homework pg. 111-112</p> <p>Evaluate: TE pg. 110</p>
2.5 Make Bar Graphs	3.C.1 3.DA.1	<p>I can solve real-world problems involving addition within 1000 using multiple strategies.</p> <p>I can solve real-world problems involving subtraction within 1000 using multiple strategies.</p> <p>I can represent data by creating scaled picture graphs.</p>	Engage: TE pg. 113B Explore: pg. 113 Explain: Share and Show pg. 114	Day 26	<p>Elaborate: On Your Own/Problem Solving pg. 115-116</p> <p>Elaborate: Practice and Homework pg. 117-118</p> <p>Evaluate: TE pg. 116</p>
2.6 Solve Problems Using Data	3.AT.1 3.DA.1	<p>I can solve real-world problems involving addition within 1000 using multiple strategies.</p> <p>I can solve real-world problems involving subtraction within 1000 using multiple strategies.</p> <p>I can solve problems based on data.</p>	Engage: TE pg. 119B Explore: pg. 119-120 Explain: Share and Show pg. 120	Day 27	<p>Elaborate: On Your Own/Problem Solving pg. 121-122</p> <p>Elaborate: Practice and Homework pg. 123-124</p> <p>Evaluate: TE pg. 122</p>
2.7 Use and Make Line Plots	3.C.1 3.DA.2	<p>I can display collected data on a line plot designed with appropriate units.</p>	Engage: TE pg. 125B Explore: pg. 125-126 Explain: Share and Show pg. 127	Day 28	<p>Elaborate: On Your Own/Problem Solving pg. 127-128</p> <p>Elaborate: Practice and Homework pg. 129-130</p> <p>Evaluate: TE pg. 128</p>

2.7a Make Predictions	3.DA.1	I can make predictions and draw conclusions based on data.	INSuccess Lesson: Engage: TE pg. 31A Explore: pg. 31-32 Explain: Share and Show pg. 32	Day 29	INSuccess Lesson: Elaborate: On Your Own/Problem Solving pg 33-34 Elaborate: Practice and Homework pg. 35-36 Evaluate: TE pg. 31A
Chapter 2 Test				Day 30	Chapter 2 Assessment

<u>Chapter 3 : Understanding Multiplication</u>	Number of School Days: 7 days instruction, 2 days assessment, 1 day project, total 10 days
Chapter Vocabulary: equal groups, factor, multiply, product, addition, array, commutative property of multiplication, identity property of multiplication, zero property of multiplication	
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High Importance Moderate Importance Low Importance	

Lesson	Indiana Standard(s)	Learning Targets and “I CAN” Statements	Resources/Activities	Pacing (in school days)	Assessments
Chapter Intro/Pre Test			Show What You Know/ Vocab Activities: SB p. 137-138B	Day 31	Personal Math Trainer Pre-Test (available on ThinkCentral)
3.1 Count Equal Groups	3.C.2	I can use grouping to demonstrate multiplication.	Engage: TE pg. 139B Explore: pg. 139-140	Day 32	Elaborate: On Your Own/Problem Solving pg. 141-142

			Explain: Share and Show pg. 140-141		Elaborate: Practice and Homework pg. 143-144 Evaluate: TE pg. 142
3.2 Algebra/Relate Addition and Multiplication	3.C.2 3.AT.4	I can represent a multiplication problem by creating equal groups. I can represent a multiplication problem by using repeated addition.	Engage: TE pg. 145B Explore: pg. 145-146 Explain: Share and Show pg. 146-147	Day 33	Elaborate: On Your Own/Problem Solving pg. 147-148 Elaborate: Practice and Homework pg. 149-150 Evaluate: TE pg. 148
3.3 Skip Count on a Number Line/Mid Chapter Checkpoint	3.C.2 3.AT.2	I can “jump” or “count on” to demonstrate multiplication on a number line. I can use a number line to solve real-world multiplication problems.	Engage: TE pg. 151B Explore: pg. 151 Explain: Share and Show pg. 152	Day 34	Elaborate: On Your Own/Problem Solving pg. 153-154 Elaborate: Practice and Homework pg. 155-156 Evaluate: TE pg. 154 Mid-Chapter Checkpoint (Optional) p. 157-158
3.4 Problem Solving/Model Multiplication	3.AT.2 3.AT.3	I can use grouping to solve real-world multiplication problems. I can use a number line to solve real-world multiplication problems. I can use repeated addition to solve real-world multiplication problems. I can solve real-world problems that require two steps by using addition, subtraction, or multiplication using multiple strategies.	Engage: TE pg. 159B Explore: pg. 159-160 Explain: Share and Show pg. 161	Day 35	Elaborate: On Your Own/Problem Solving pg. 161-162 Elaborate: Practice and Homework pg. 163-164 Evaluate: TE pg. 162
3.5 Model with Arrays	3.C.2 3.AT.2	I can use arrays to demonstrate multiplication. I can use arrays to solve real world multiplication problems.	Engage: TE pg. 165B Explore: pg. 165-166 Explain: Share and Show pg. 166	Day 36	Elaborate: On Your Own/Problem Solving pg. 167-168 Elaborate: Practice and Homework pg. 169-170 Evaluate: TE pg. 168

3.6 Algebra/ Commutative Property of Multiplication	3.C.5	I can apply the commutative property of multiplication to solve multiplication problems.	Engage: TE pg. 171B Explore: pg. 171-172 Explain: Share and Show pg. 173	Day 37	Elaborate: On Your Own/Problem Solving pg. 173-174 Elaborate: Practice and Homework pg. 175-176 Evaluate: TE pg. 174
3.7 Algebra/ Multiply with 1 and 0	3.C.2 3.C.5	I can explain that multiplying any number by 0 is 0, because it produces 0 equal groups. I can explain that multiplying any number by 1 always produces one group of that number.	Engage: TE pg. 177B Explore: pg. 177-178 Explain: Share and Show pg. 179	Day 38	Elaborate: On Your Own/Problem Solving pg. 179-180 Elaborate: Practice and Homework pg. 181-182 Evaluate: TE pg. 180
Chapter 3 Test				Day 39	Chapter 3 Assessment
Real World Project: Big Idea 1	3.C.1 3.C.5 3.AT.3 3.AT.5	I can use appropriate strategies to add numbers within 1000. I can use the relationship between multiplication and division operations to solve multiplication and division problems. I can solve real-world problems that require two steps by using addition, subtraction, multiplication, or division using multiple strategies. I can find the value of an unknown number within a multiplication equation that includes three numbers.	Project Location: Teacher's Edition: Whole Number Operations: Project	Day 40	Real World Project: Big Idea 1--Whole Number Operations Student Book pg. 1-2 Online Projects pg. B1-B2

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<u>Chapter 4: Multiplication Facts and Strategies</u>	Number of School Days: 11 days instruction, 2 days assessments, total 13 days
Chapter Vocabulary: factor, product, multiple, distributive property, addend, sum, commutative property of multiplication, associative property of multiplication, even, odd, subtraction	
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Lesson	Indiana Standard(s)	Learning Targets and “I CAN” Statements	Resources/Activities	Pacing (in school days)	Assessments
Chapter Intro/Pre Test			Show What You Know/Vocab Activities: Student Book p. 189-190B	Day 41	Personal Math Trainer Pre Test (Available on ThinkCentral)

4.1 Multiply with 2 and 4	3.AT.2	I can use strategies to solve multiplication problems with 2 and 4. I can use strategies to solve real world problems using multiplication with 2 and 4.	Engage: TE pg. 191B Explore: pg. 191-192 Explain: Share and Show pg. 192-193	Day 42	Elaborate: On Your Own/Problem Solving pg. 193-194 Elaborate: Practice and Homework pg. 195-196 Evaluate: TE pg. 194
4.2 Multiply with 5 and 10	3.AT.2	I can use strategies to solve multiplication problems with 5 and 10. I can use strategies to solve real world problems using multiplication with 5 and 10.	Engage: TE pg. 197B Explore: pg. 197-198 Explain: Share and Show pg. 198	Day 43	Elaborate: On Your Own/Problem Solving pg. 199-200 Elaborate: Practice and Homework pg. 201-202 Evaluate: TE pg. 200
4.3 Multiply with 3 and 6	3.AT.2	I can use strategies to solve multiplication problems with 3 and 6. I can use strategies to solve real world problems using multiplication with 3 and 6.	Engage: TE pg. 203B Explore: pg. 203-204 Explain: Share and Show pg. 205	Day 44	Elaborate: On Your Own/Problem Solving pg. 205-206 Elaborate: Practice and Homework pg. 207-208 Evaluate: TE pg. 206
4.4 Algebra/ Distributive Property	3.C.2 3.C.5	I can use area models to demonstrate multiplication. I can use arrays to demonstrate multiplication. I can use the distributive property to solve multiplication problems.	Engage: TE pg. 209B Explore: pg. 209-210 Explain: Share and Show pg. 210	Day 45	Elaborate: On Your Own/Problem Solving pg. 211-212 Elaborate: Practice and Homework pg. 213-214 Evaluate: TE pg. 212
4.5 Multiply with 7/Mid Chapter Checkpoint	3.C.5 3.C.6	I can use strategies to solve multiplication problems with 7. I can use strategies to solve real world problems using multiplication with 7.	Engage: TE pg. 215B Explore: pg. 215-216 Explain: Share and Show pg. 216	Day 46	Elaborate: On Your Own/Problem Solving pg. 216-218 Elaborate: Practice and Homework pg. 219-220 Evaluate: TE pg. 218 Mid-Chapter Checkpoint (Optional) p. 221-222
4.6 Algebra/ Associative Property of Multiplication	3.C.5	I can use the properties of operations to multiply within 100.	Engage: TE pg. 223B Explore: pg. 223-224 Explain: Share and Show pg. 224	Day 47	Elaborate: On Your Own/Problem Solving pg. 225-226

					Elaborate: Practice and Homework pg. 227-228 Evaluate: TE pg. 226
4.7 Algebra/ Patterns on a Multiplication Table	3.AT.6	I can use what I know about multiples to give rules for number patterns within 100. I can use what I know about multiples to create rules for number patterns within 100. I can use what I know about multiples to extend rules for number patterns within 100.	Engage: TE pg. 229B Explore: pg. 229-230 Explain: Share and Show pg. 230-231	Day 48	Elaborate: On Your Own/Problem Solving pg. 231-232 Elaborate: Practice and Homework pg. 233-234 Evaluate: TE pg. 232
4.8 Multiply with 8	3.C.5 3.C.6	I can use strategies to solve multiplication problems with 8. I can use strategies to solve real world problems using multiplication with 8.	Engage: TE pg. 235B Explore: pg. 235-236 Explain: Share and Show pg. 236	Day 49	Elaborate: On Your Own/Problem Solving pg. 236-238 Elaborate: Practice and Homework pg. 239-240 Evaluate: TE pg. 238
4.9 Multiply with 9	3.C.5 3.C.6	I can use strategies to solve multiplication problems with 9. I can use strategies to solve real world problems using multiplication with 9.	Engage: TE pg. 241B Explore: pg. 241-242 Explain: Share and Show pg. 242	Day 50	Elaborate: On Your Own/Problem Solving pg. 242-244 Elaborate: Practice and Homework pg. 245-246 Evaluate: TE pg. 244
4.10 Problem Solving/ Multiplication	3.AT.3 3.AT.6	I can use multiple strategies to solve real world multiplication problems. I can solve real-world problems that require two steps by using addition, subtraction, multiplication, or division using multiple strategies.	Engage: TE pg. 247B Explore: pg. 247-248 Explain: Share and Show pg. 249	Day 51/52	Elaborate: On Your Own/Problem Solving pg. 250 Elaborate: Practice and Homework pg. 251-252 Evaluate: TE pg. 250
Chapter 4 Test				Day 53	

Chapter 5: Use Multiplication Facts

Number of School Days: 3 days instruction, 1 days assessments, total 4 days

Chapter Vocabulary: pattern, equation, array, commutative property of multiplication, factor, product, distributive property, multiple, place value, tens, hundreds, ones

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High Importance Moderate Importance Low Importance

Lesson	Indiana Standard(s)	Learning Targets and “I CAN” Statements	Resources/Activities	Pacing (in school days)	Assessments
5.1 Algebra Describe Patterns	3.AT.6	I can use what I know about multiples to give rules for number patterns within 100. I can use what I know about multiples to create rules for number patterns within 100. I can use what I know about multiples to extend rules for number patterns within 100.	Engage: TE pg. 261B Explore: pg. 261-262 Explain: Share and Show pg. 262	Day 54	Elaborate: On Your Own/Problem Solving pg. 263-264 Elaborate: Practice and Homework pg. 265-266 Evaluate: TE pg. 264
5.2 Algebra/ Find Unknown Numbers	3.AT.5	I can find the value of an unknown number within a multiplication equation that includes three numbers.	Engage: TE pg. 267B Explore: pg. 267-268 Explain: Share and Show pg. 268	Day 55	Elaborate: On Your Own/Problem Solving pg. 269-270 Elaborate: Practice and Homework pg. 271-272 Evaluate: TE pg. 270

5.5a Algebra/ Find a Rule	3.AT.6	<p>I can use what I know about multiples to give rules for number patterns within 100.</p> <p>I can use what I know about multiples to create rules for number patterns within 100.</p> <p>I can use what I know about multiples to extend rules for number patterns within 100.</p>	<p>INSuccess Lesson: Engage: TE pg. 37A Explore: pg. 37-38 Explain: Share and Show pg. 38</p>	Day 60	<p>INSuccess Lesson: Elaborate: On Your Own/Problem Solving pg. 39-40 Elaborate: Practice and Homework pg. 41-42 Evaluate: TE pg. 37A</p>
Chapter 5 Test		<p>***This will need to be an alternate assessment, because we are skipping 3 out of 5 lessons in the chapter, which do not cover Indiana standards. We are also adding a lesson which is not covered on the GoMath assessment. The Mid-Chapter Checkpoint could be used with questions added for Lesson 5.5a.</p> <p>Depending on the length of the assessment, it could be combined on the same day as the Chapter 6 Pre-Test to save time.</p>		Day 61	

Chapter 6: Understand Division	Number of School Days: 9 days instruction, 2 days assessment, total 11 days
Chapter Vocabulary: divide, equal groups, dividend, divisor, quotient, array, inverse operations, related facts, factor, product, identity property of multiplication,	
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Lesson	Indiana Standard(s)	Learning Targets and “I CAN” Statements	Resources/Activities	Pacing (in school days)	Assessments
Pre-Test/ Chapter Intro			Show What You Know/Vocab Activities-	Day 62	Personal Math Trainer Pre-Test (available on Think Central)

			-Student Book p. 299-300B		
6.1 Problem Solving/ Model Division	3.AT.2	I can use grouping to solve real-world division problems.	Engage: TE pg. 301B Explore: pg. 301-302 Explain: Share and Show pg. 303	Day 63	Elaborate: On Your Own/Problem Solving pg. 303-304 Elaborate: Practice and Homework pg. 305-306 Evaluate: TE pg. 304
6.2 Size of Equal Groups	3.C.3 3.C.4	I can use sharing to solve division problems. I can explain a quotient as the number of times an item can be shared.	Engage: TE pg. 307B Explore: pg. 307-308 Explain: Share and Show pg. 309	Day 64	Elaborate: On Your Own/Problem Solving pg. 309-310 Elaborate: Practice and Homework pg. 311-312 Evaluate: TE pg. 310
6.3 Number of Equal Groups	3.C.3 3.C.4	I can use sharing to solve division problems. I can explain a quotient as the number of groups a number can be shared into.	Engage: TE pg. 313B Explore: pg. 313-314 Explain: Share and Show pg. 315	Day 65	Elaborate: On Your Own/Problem Solving pg. 315-316 Elaborate: Practice and Homework pg. 317-318 Evaluate: TE pg. 316
6.4 Model with Bar Models	3.C.3 3.C.4	I can explain a quotient as the number of times an item can be shared. I can use partitioning to solve division problems.	Engage: TE pg. 319B Explore: pg. 319-320 Explain: Share and Show pg. 320-321	Day 66	Elaborate: On Your Own/Problem Solving pg. 321-322 Elaborate: Practice and Homework pg. 323-324 Evaluate: TE pg. 322
6.5 Algebra/ Relate Subtraction and Division/ Mid Chapter Checkpoint	3.AT.2	I can use grouping to solve real-world division problems. I can use repeated subtraction to solve real-world division problems. I can use jumps on a number line to solve real-world division problems.	Engage: TE pg. 325B Explore: pg. 325-326 Explain: Share and Show pg. 326	Day 67	Elaborate: On Your Own/Problem Solving pg. 327-328 Elaborate: Practice and Homework pg. 329-330 Evaluate: TE pg. 328 Mid-Chapter Checkpoint (Optional) p. 331-332

6.6 Investigate/ Model with Arrays	3.AT.2	I can use arrays to solve real world division problems.	Engage: TE pg. 333B Explore: pg. 333-334 Explain: Share and Show pg. 335	Day 68	Elaborate: On Your Own/Problem Solving pg. 335-336 Elaborate: Practice and Homework pg. 337-338 Evaluate: TE pg. 336
6.7 Algebra/ Relate Multiplication and Division	3.C.5	I can use the relationship between multiplication and division operations to solve multiplication and division problems within 100. I can use arrays to solve real word multiplication and division problems.	Engage: TE pg. 339B Explore: pg. 339-340 Explain: Share and Show pg. 340	Day 69	Elaborate: On Your Own/Problem Solving pg. 341-342 Elaborate: Practice and Homework pg. 343-344 Evaluate: TE pg. 342
6.8 Algebra/ Write Related Facts	3.C.5 3.C.6	I can use the relationship between multiplication and division operations to solve multiplication and division problems within 100.	Engage: TE pg. 345B Explore: pg. 345-346 Explain: Share and Show pg. 346	Day 70	Elaborate: On Your Own/Problem Solving pg. 347-348 Elaborate: Practice and Homework pg. 349-350 Evaluate: TE pg. 348
6.9 Algebra/ Division Rules for 1 and 0	3.C.3 3.C.5	I can demonstrate that 0 divided by any number is 0. I can demonstrate that when dividing any number by 1, the quotient is the original number.	Engage: TE pg. 351B Explore: pg. 351-352 Explain: Share and Show pg. 352	Day 71	Elaborate: On Your Own/Problem Solving pg. 353-354 Elaborate: Practice and Homework pg. 355-356 Evaluate: TE pg. 354
Chapter 6 Test				Day 72	Chapter 6 Test

<u>Chapter 7: Division Strategies</u>	Number of School Days: 12 days instruction, 2 days assessments, total 14 days
Chapter Vocabulary: dividend, divisor, factor, product, array, order of operations	
Code for Indiana Standards: NS=Number Sense C=Computation AT= Algebraic Thinking G = Geometry M = Measurement and DS=Data Analysis and Statistics High Importance Moderate Importance Low Importance	

Lesson	Indiana Standard(s)	Learning Targets and “I CAN” Statements	Resources/Activities	Pacing (in school days)	Assessments
Pre-Test/ Chapter Intro			Show What You Know/Vocab Activities: Student Book p. 363-364B	Day 73	Personal Math Trainer Pretest (Available on ThinkCentral)
7.1 Divide by 2	3.AT.2	I can use grouping to solve real-world division problems when dividing by 2. I can find the value of an unknown number within a division equation that includes three numbers.	Engage: TE pg. 365B Explore: pg. 365-366 Explain: Share and Show pg. 366-367	Day 74	Elaborate: On Your Own/Problem Solving pg. 368 Elaborate: Practice and Homework pg. 369-370 Evaluate: TE pg. 368
7.2 Divide by 10	3.C.5 3.C.6	I can use the relationship between multiplication and division operations to solve multiplication and division problems within 100. I can use multiple division strategies to divide by 10.	Engage: TE pg. 371B Explore: pg. 371-372 Explain: Share and Show pg. 372	Day 75	Elaborate: On Your Own/Problem Solving pg. 373-374 Elaborate: Practice and Homework pg. 375-376 Evaluate: TE pg. 374
7.3 Divide by 5	3.AT.2	I can use grouping to solve real-world division problems when dividing by 5. I can use a number line to solve real world division problems when dividing by 5.	Engage: TE pg. 377B Explore: pg. 377-378 Explain: Share and Show pg. 378	Day 76	Elaborate: On Your Own/Problem Solving pg. 379-380 Elaborate: Practice and Homework pg. 381-382 Evaluate: TE pg. 380
7.4 Divide by 3	3.C.5 3.C.6	I can use the relationship between multiplication and division operations to solve problems that divide by 3. I can use multiple division strategies to divide by 3.	Engage: TE pg. 383B Explore: pg. 383-384 Explain: Share and Show pg. 384	Day 77	Elaborate: On Your Own/Problem Solving pg. 385-386 Elaborate: Practice and Homework pg. 387-388 Evaluate: TE pg. 386
7.5 Divide by 4	3.C.5 3.C.6	I can use the relationship between multiplication and division operations to solve problems that divide by 4.	Engage: TE pg. 389B Explore: pg. 389-390 Explain: Share and Show pg. 390	Day 78	Elaborate: On Your Own/Problem Solving pg. 391-392

		I can use multiple division strategies to divide by 4.			Elaborate: Practice and Homework pg. 393-394 Evaluate: TE pg. 392
7.6 Divide by 6/Mid Chapter Checkpoint	3.C.5 3.C.6	I can use the relationship between multiplication and division operations to solve problems that divide by 6. I can use multiple division strategies to divide by 6.	Engage: TE pg. 395B Explore: pg. 395-396 Explain: Share and Show pg. 396	Day 79	Elaborate: On Your Own/Problem Solving pg. 397-398 Elaborate: Practice and Homework pg. 399-400 Evaluate: TE pg. 398 Mid Chapter Checkpoint (Optional) p. 401-402
7.7 Divide by 7	3.C.5 3.C.6	I can use the relationship between multiplication and division operations to solve problems that divide by 7. I can use multiple division strategies to divide by 7.	Engage: TE pg. 403B Explore: pg. 403-404 Explain: Share and Show pg. 404	Day 80	Elaborate: On Your Own/Problem Solving pg. 405-406 Elaborate: Practice and Homework pg. 407-408 Evaluate: TE pg. 406
7.8 Divide by 8	3.AT.2 3.AT.5	I can use the relationship between multiplication and division operations to solve problems that divide by 8. I can use multiple division strategies to divide by 8. I can find the value of an unknown number within a division equation that includes three numbers.	Engage: TE pg. 409B Explore: pg. 409-410 Explain: Share and Show pg. 410	Day 81	Elaborate: On Your Own/Problem Solving pg. 411-412 Elaborate: Practice and Homework pg. 413-414 Evaluate: TE pg. 412
7.9 Divide by 9	3.C.5 3.C.6	I can use the relationship between multiplication and division operations to solve problems that divide by 9. I can use multiple division strategies to divide by 9.	Engage: TE pg. 415B Explore: pg. 415-416 Explain: Share and Show pg. 416	Day 82	Elaborate: On Your Own/Problem Solving pg. 417-418 Elaborate: Practice and Homework pg. 419-420 Evaluate: TE pg. 418
7.9a Problem Solving/	3.AT.3	I can solve real-world problems that require two steps by using addition, subtraction, multiplication, or division using multiple strategies.	INSuccess Lesson: Engage: TE pg. 43A Explore: pg. 43-44	Day 83	INSuccess Lesson: Elaborate: On Your Own/Problem Solving pg. 45-46

Model Two-Step Problems			Explain: Share and Show pg. 45		Elaborate: Practice and Homework pg. 47-48 Evaluate: TE pg. 43A
7.10 Problem Solving/ Two-Step Problems	3.AT.2 3.AT.3	I can solve real-world problems that require two steps by using addition, subtraction, multiplication, or division using multiple strategies. I can use grouping to solve real-world division problems.	Engage: TE pg. 421B Explore: pg. 421-422 Explain: Share and Show pg. 423	Day 84	Elaborate: On Your Own/Problem Solving pg. 423-424 Elaborate: Practice and Homework pg. 425-426 Evaluate: TE pg. 424
7.11 Investigate/ Order of Operations	3.AT.3	I can solve real-world problems that require two steps by using addition, subtraction, multiplication, or division using multiple strategies.	Engage: TE pg. 427B Explore: pg. 427-428 Explain: Share and Show pg. 428-429	Day 85	Elaborate: On Your Own/Problem Solving pg. 429-430 Elaborate: Practice and Homework pg. 431-432 Evaluate: TE pg. 430
Chapter 7 Test				Day 86	Chapter 7 Test

Curriculum Mapping

Math – 3rd Grade

3rd Nine Weeks

Tiffany Leger

Chapter 8: Understand Fractions

Number of School Days: 8 days instruction, 2 days assessments, 1 day project, total 11 days

Chapter Vocabulary: eighths, equal parts, fourths, halves, sixths, thirds, whole, fraction, unit fraction, denominator, numerator

Code for Indiana Standards: NS=Number Sense C=Computation AT= Algebraic Thinking G = Geometry M = Measurement and DS=Data Analysis and Statistics

High Importance Moderate Importance Low Importance

Lesson	Indiana Standard(s)	Learning Targets and “I CAN” Statements	Resources/Activities	Pacing (in school days)	Assessments
Pre-Test/ Chapter Intro			Show What You Know/Vocab Activities: Student Book pg. 441-442D	Day 87	Personal Math Trainer Pre-Test (available on ThinkCentral)
8.1 Equal Parts of a Whole	3.NS.3	I can partition shapes into parts with equal areas.	Engage: TE pg. 443B Explore: pg. 443-444 Explain: Share and Show pg. 444	Day 88	Elaborate: On Your Own/Problem Solving pg. 445-446 Elaborate: Practice and Homework pg. 447-448 Evaluate: TE pg. 446
8.2 Equal Shares	3.NS.3	I can partition shapes into parts with equal areas.	Engage: TE pg. 449B Explore: pg. 449-450 Explain: Share and Show pg. 450	Day 89	Elaborate: On Your Own/Problem Solving pg. 451-452 Elaborate: Practice and Homework pg. 453-454 Evaluate: TE pg. 452
8.3 Unit Fractions of a Whole	3.NS.3 3.G.4	I can explain a unit fraction as a piece of something that has been cut into equal parts. I can show that when shapes are broken into parts with equal areas, these are unit fractions of the whole.	Engage: TE pg. 455B Explore: pg. 455-456 Explain: Share and Show pg. 456	Day 90	Elaborate: On Your Own/Problem Solving pg. 457-458 Elaborate: Practice and Homework pg. 459-460 Evaluate: TE pg. 458
8.4 Fractions of a Whole	3.NS.3	I can explain the denominator of a fraction as the total number of parts in which something has been divided.	Engage: TE pg. 461B Explore: pg. 461-462 Explain: Share and Show pg. 462	Day 91	Elaborate: On Your Own/Problem Solving pg. 463-464 Elaborate: Practice and Homework pg. 465-466

		I can explain the numerator as one or more parts of the whole.			Evaluate: TE pg. 464
8.5 Fractions on a Number Line/Mid Chapter Checkpoint	3.NS.4 3.NS.5	I can partition a number line from 0-1 into equal parts. I can show that equal parts of a number line are fractions with equal value. I can successfully place a unit fraction on a number line. I can partition a number line into equal size intervals. I can locate a fractions on the number line by counting the number of intervals. I can explain the location of $\frac{a}{b}$ represents the size of the fraction.	Engage: TE pg. 467B Explore: pg. 467-468 Explain: Share and Show pg. 468	Day 92	Elaborate: On Your Own/Problem Solving pg. 469-470 Elaborate: Practice and Homework pg. 471-472 Evaluate: TE pg. 470 Mid-Chapter Checkpoint (Optional) pg. 473-474
8.7 Fractions of a Group	3.NS.3	I can explain the denominator of a fraction as the total number of parts in which something has been divided. I can explain the numerator as one or more parts of the whole.	Engage: TE pg. 481B Explore: pg. 481-482 Explain: Share and Show pg. 482-483	Day 93	Elaborate: On Your Own/Problem Solving pg. 483-484 Elaborate: Practice and Homework pg. 485-486 Evaluate: TE pg. 484
8.8 Find Part of a Group Using Unit Fractions	3.NS.3	I can explain a unit fraction as a piece of something that has been cut into equal parts.	Engage: TE pg. 487B Explore: pg. 487-488 Explain: Share and Show pg. 488	Day 94	Elaborate: On Your Own/Problem Solving pg. 489-490 Elaborate: Practice and Homework pg. 491-492 Evaluate: TE pg. 490
8.9 Problem Solving/ Find the Whole Group	3.NS.3	I can explain a unit fraction as a piece of something that has been cut into equal parts. I can explain that a fraction is composed of unit fractions.	Engage: TE pg. 493B Explore: pg. 493-494 Explain: Share and Show pg. 494	Day 95	Elaborate: On Your Own/Problem Solving pg. 496 Elaborate: Practice and Homework pg. 497-498 Evaluate: TE pg. 496

Using Unit Fractions					
Chapter 8 Test				Day 96	Chapter 8 Test
Real World Project: Big Idea 2, Fractions	3.NS.3	I can explain the denominator of a fraction as the total number of parts in which something has been divided. I can explain the numerator as one or more parts of the whole.		Day 97	Real World Project: Big Idea 2--Fractions Student Book pg. 439-440 Online Projects pg. B3-B4

Chapter 9: Understand Fractions	Number of School Days: 7 days instruction, 2 days assessments, total 9 days
Chapter Vocabulary: compare, equal to, greater than, less than, denominator, numerator, order, equivalent, equivalent fractions	
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Lesson	Indiana Standard(s)	Learning Targets and "I CAN" Statements	Resources/Activities	Pacing (in school days)	Assessments
Pre-Test/Chapter Intro			Show What You Know/Vocabulary Activities: Student Book p. 505-506B	Day 98	Personal Math Trainer Pre-Test (available on ThinkCentral)

9.1 Problem Solving/ Compare Fractions	3.NS.8	<p>I can compare the size of two fractions with the same denominator.</p> <p>I can compare the size of two fractions with the same numerator.</p> <p>I can justify the comparison of two fractions using a fraction model.</p>	<p>Engage: TE pg. 507B</p> <p>Explore: pg. 507-508</p> <p>Explain: Share and Show pg. 509</p>	Day 99	<p>Elaborate: On Your Own/Problem Solving pg. 509-510</p> <p>Elaborate: Practice and Homework pg. 511-512</p> <p>Evaluate: TE pg. 510</p>
9.2 Compare Fractions with the Same Denominator	3.NS.8	<p>I can compare the size of two fractions with the same denominator.</p> <p>I can justify the comparison of two fractions using a fraction model.</p>	<p>Engage: TE pg. 513B</p> <p>Explore: pg. 513-514</p> <p>Explain: Share and Show pg. 515</p>	Day 100	<p>Elaborate: On Your Own/Problem Solving pg. 515-516</p> <p>Elaborate: Practice and Homework pg. 517-518</p> <p>Evaluate: TE pg. 516</p>
9.3 Compare Fractions with the Same Numerator	3.NS.8	<p>I can compare the size of two fractions with the same numerator.</p> <p>I can justify the comparison of two fractions using a fraction model.</p>	<p>Engage: TE pg. 519B</p> <p>Explore: pg. 519-520</p> <p>Explain: Share and Show pg. 521</p>	Day 101	<p>Elaborate: On Your Own/Problem Solving pg. 521-522</p> <p>Elaborate: Practice and Homework pg. 523-524</p> <p>Evaluate: TE pg. 522</p>
9.4 Compare Fractions/ Mid Chapter Checkpoint	3.NS.8	<p>I can compare the size of two fractions with the same denominator.</p> <p>I can compare the size of two fractions with the same numerator.</p> <p>I can justify the comparison of two fractions using a fraction model.</p>	<p>Engage: TE pg. 525B</p> <p>Explore: pg. 525-526</p> <p>Explain: Share and Show pg. 526</p>	Day 102	<p>Elaborate: On Your Own/Problem Solving pg. 527-528</p> <p>Elaborate: Practice and Homework pg. 529-530</p> <p>Evaluate: TE pg. 528</p> <p>Mid-Chapter Checkpoint (optional) p. 531-532</p>
9.5 Compare and Order Fractions	3.NS.8	<p>I can compare the size of two fractions with the same denominator.</p> <p>I can compare the size of two fractions with the same numerator.</p> <p>I can justify the comparison of</p>	<p>Engage: TE pg. 533B</p> <p>Explore: pg. 533-534</p> <p>Explain: Share and Show pg. 535</p>	Day 103	<p>Elaborate: On Your Own/Problem Solving pg. 535-536</p> <p>Elaborate: Practice and Homework pg. 537-538</p> <p>Evaluate: TE pg. 536</p>

		two fractions using a fraction model.			
9.6 Investigate/ Model Equivalent Fractions	3.NS.6	I can demonstrate that two fractions of the same size are equivalent if they are based on the same whole. I can explain that if two fractions share the same location on a number line, then they are of equal value.	Engage: TE pg. 539B Explore: pg. 539-540 Explain: Share and Show pg. 541	Day 104	Elaborate: On Your Own/Problem Solving pg. 541-542 Elaborate: Practice and Homework pg. 543-544 Evaluate: TE pg. 542
9.7 Equivalent Fractions	3.NS.7	I can identify equivalent fractions. I can create equivalent fractions. I can explain why one fraction is equivalent to another.	Engage: TE pg. 545B Explore: pg. 545-546 Explain: Share and Show pg. 546-547	Day 105	Elaborate: On Your Own/Problem Solving pg. 547-548 Elaborate: Practice and Homework pg. 549-550 Evaluate: TE pg. 548
Chapter 9 Test				Day 106	Chapter 9 Test

Chapter 10: Time, Length, Liquid Volume, and Mass	Number of School Days: 15 days instruction, 2 days assessments, total 17 days
Chapter Vocabulary: minute, analog clock, digital clock, half hour, hour, quarter hour, A.M., P.M., midnight, noon, elapsed time, liquid volume, liter, gram, kilogram, mass, decimal point, place value, weight, degrees Fahrenheit, customary units	
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Lesson	Indiana Standard(s)	Learning Targets and “I CAN” Statements	Resources/Activities	Pacing (in school days)	Assessments
Pre-Test/ Chapter Intro			Show What You Know/Vocab Activities: Student Book p. 559-560D	Day 107	Personal Math Trainer Pre-Test (available on ThinkCentral)

10.1 Time to the Minute	3.M.3	I can use an analog clock to tell time to the nearest minute. I can write time to the nearest minute.	Engage: TE pg. 561B Explore: pg. 561-562 Explain: Share and Show pg. 563	Day 108	Elaborate: On Your Own/Problem Solving pg. 564-565 Elaborate: Practice and Homework pg. 566-567 Evaluate: TE pg. 565
10.2 A.M. and P.M.	3.M.3	I can use an analog clock to tell time to the nearest minute. I can write time to the nearest minute.	Engage: TE pg. 567B Explore: pg. 567-568 Explain: Share and Show pg. 568	Day 109	Elaborate: On Your Own/Problem Solving pg. 569-570 Elaborate: Practice and Homework pg. 571-572 Evaluate: TE pg. 570
10.3 Measure Time Intervals	3.M.3	I can measure time intervals in minutes.	Engage: TE pg. 573B Explore: pg. 573-574 Explain: Share and Show pg. 575	Day 110	Elaborate: On Your Own/Problem Solving pg. 575-576 Elaborate: Practice and Homework pg. 577-578 Evaluate: TE pg. 250
10.4 Use Time Intervals	3.M.3	I can solve real-world problems that involve adding and subtracting time.	Engage: TE pg. 579B Explore: pg. 579-580 Explain: Share and Show pg. 580-581	Day 111	Elaborate: On Your Own/Problem Solving pg. 581-582 Elaborate: Practice and Homework pg. 583-584 Evaluate: TE pg. 582
10.5 Problem Solving/ Time Intervals	3.M.3	I can measure time intervals in minutes. I can solve real-world problems that involve adding and subtracting time.	Engage: TE pg. 585B Explore: pg. 585-586 Explain: Share and Show pg. 587	Day 112	Elaborate: On Your Own/Problem Solving pg. 587-588 Elaborate: Practice and Homework pg. 589-590 Evaluate: TE pg. 588
10.5a Count Coins and Bills	3.M.4	I can find the value of a set of money. I can use the cents sign to show an amount of money less than one dollar. I can use the dollar sign to show money more than one dollar.	INSuccess Lesson: Engage: TE pg. 49A Explore: pg. 49-50 Explain: Share and Show pg. 51	Day 113	INSuccess Lesson: Elaborate: On Your Own/Problem Solving pg. 51-52 Elaborate: Practice and Homework pg. 53-54 Evaluate: TE pg. 49A

10.5b Compare Amounts of Money/ Mid-Chapter Checkpoint	3.M.4	I can solve real-world problems that involve determining whether there is enough money to buy something.	INSuccess Lesson: Engage: TE pg. 55A Explore: pg. 55-56 Explain: Share and Show pg. 56-57	Day 114	INSuccess Lesson: Elaborate: On Your Own/Problem Solving pg. 57-58 Elaborate: Practice and Homework pg. 59-60 Evaluate: TE pg. 55A Mid-Chapter Checkpoint (optional) p. 591-592
10.6 Measure Length	3.M.2 3.DA.2	I can use a ruler to measure to the nearest quarter inch. I can gather data by measuring lengths with a ruler. I can display collected data on a line plot designed with appropriate unit.	Engage: TE pg. 593B Explore: pg. 593-594 Explain: Share and Show pg. 594-595	Day 115	Elaborate: On Your Own/Problem Solving pg. 595-596 Elaborate: Practice and Homework pg. 597-598 Evaluate: TE pg. 596
10.7 Estimate and Measure Liquid Volume	3.M.1	I can estimate and measure the volume of objects in liters.	Engage: TE pg. 599B Explore: pg. 599-600 Explain: Share and Show pg. 601	Day 116	Elaborate: On Your Own/Problem Solving pg. 601-602 Elaborate: Practice and Homework pg. 603-604 Evaluate: TE pg. 602
10.8 Estimate and Measure Mass	3.M.1	I can estimate and measure the mass of objects in grams and kilograms.	Engage: TE pg. 605B Explore: pg. 605-606 Explain: Share and Show pg. 606-607	Day 117	Elaborate: On Your Own/Problem Solving pg. 607-608 Elaborate: Practice and Homework pg. 609-610 Evaluate: TE pg. 608
10.9 Solve Problems About Liquid Volume and Mass	3.M.1	I can add, subtract, multiply or divide to solve real-world problems involving mass. I can add, subtract, multiply, or divide to solve real-world problems that involve volume.	Engage: TE pg. 611B Explore: pg. 611-612 Explain: Share and Show pg. 612-613	Day 118	Elaborate: On Your Own/Problem Solving pg. 613-614 Elaborate: Practice and Homework pg. 615-616 Evaluate: TE pg. 614

10.9a Estimate and Measure Customary Units of Liquid Volume	3.M.1	I can estimate and measure the volume of objects in quarts and gallons. I can add, subtract, multiply, or divide to solve real-world problems that involve volume.	INSuccess Lesson: Engage: TE pg. 61A Explore: pg. 61-62 Explain: Share and Show pg. 62	Day 119	INSuccess Lesson: Elaborate: On Your Own/Problem Solving pg. 63-64 Elaborate: Practice and Homework pg. 65-66 Evaluate: TE pg. 64
10.9b Estimate and Measure Weight	3.M.2	I can estimate weight using pounds. I can measure weight using pounds.	INSuccess Lesson: Engage: TE pg. 67A Explore: pg. 67-68 Explain: Share and Show pg. 68	Day 120	INSuccess Lesson: Elaborate: On Your Own/Problem Solving pg. 69-70 Elaborate: Practice and Homework pg. 71-72 Evaluate: TE pg. 67A
10.9c Temperature	3.M.2	I can estimate temperature in degrees Fahrenheit and degrees Celsius. I can measure temperature in degrees Fahrenheit and degrees Celsius.	INSuccess Lesson: Engage: TE pg. 73A Explore: pg. 73-74 Explain: Share and Show pg. 74-75	Day 121	INSuccess Lesson: Elaborate: On Your Own/Problem Solving pg. 75-76 Elaborate: Practice and Homework pg. 77-78 Evaluate: TE pg. 73A
10.9d Choose the Appropriate Unit and Tool	3.M.2	I can choose appropriate tools to measure length, weight, mass, and temperature. I can choose the appropriate units to measure length, weight, mass, and temperature.	INSuccess Lesson: Engage: TE pg. 79A Explore: pg. 79-80 Explain: Share and Show pg. 81	Day 122	INSuccess Lesson: Elaborate: On Your Own/Problem Solving pg. 81-82 Elaborate: Practice and Homework pg. 83-84 Evaluate: TE pg. 79A
Chapter 10 Test				Day 123	Chapter 10 Test

Chapter 11: Perimeter and Area

Number of School Days: 6 days instruction, 2 days assessments, 1 day project, total 11 days

Chapter Vocabulary: perimeter, area, square unit, unit square, multiplication, repeated addition, pattern, distributive property

Code for Indiana Standards: NS=Number Sense C=Computation AT= Algebraic Thinking G = Geometry M = Measurement and DS=Data Analysis and Statistics
High Importance Moderate Importance Low Importance

Lesson	Indiana Standard(s)	Learning Targets and “I CAN” Statements	Resources/Activities	Pacing (in school days)	Assessments
Pre-Test/ Chapter Intro			Show What You Know/Vocab Activities: Student Book p. 623-624B	Day 124	Personal Math Trainer Pre-Test (available on Think Central)
11.1 Investigate/ Model Perimeter	3.M.7	I can find the perimeter of a polygon by counting the side lengths.	Engage: TE pg. 625B Explore: pg. 625-626 Explain: Share and Show pg. 627	Day 125	Elaborate: On Your Own/Problem Solving pg. 627-628 Elaborate: Practice and Homework pg. 629-630 Evaluate: TE pg. 628
11.2 Find Perimeter	3.M.2 3.M.7	I can measure length to the quarter inch. I can measure length in centimeters. I can find the perimeter of a polygon by adding the side lengths.	Engage: TE pg. 631B Explore: pg. 631 Explain: Share and Show pg. 632	Day 126	Elaborate: On Your Own/Problem Solving pg. 633-634 Elaborate: Practice and Homework pg. 635-636 Evaluate: TE pg. 634
11.3 Algebra/ Find the Length of Unknown Sides	3.M.7	I can find unknown side lengths of polygons when I know the perimeter.	Engage: TE pg. 637B Explore: pg. 637-638 Explain: Share and Show pg. 639	Day 127	Elaborate: On Your Own/Problem Solving pg. 639-640 Elaborate: Practice and Homework pg. 641-642 Evaluate: TE pg. 640
11.4 Understand Area	3.M.5	I can use unit squares to find the area of a rectangle. I can choose between area and perimeter when solving word problems.	Engage: TE pg. 643B Explore: pg. 643-644 Explain: Share and Show pg. 644	Day 128	Elaborate: On Your Own/Problem Solving pg. 645-646 Elaborate: Practice and Homework pg. 647-648 Evaluate: TE pg. 646
11.5 Measure Area	3.M.5	I can use unit squares to find the area of a rectangle.	Engage: TE pg. 649B Explore: pg. 649-650	Day 129	Elaborate: On Your Own/Problem Solving pg. 651-652

		I can solve real-world problems by finding the area of rectangles.	Explain: Share and Show pg. 651		Elaborate: Practice and Homework pg. 653-654 Evaluate: TE pg. 652
11.6 Use Area Models/ Mid-Chapter Checkpoint	3.M.5	I can demonstrate that multiplying the side lengths of a rectangle by one another and filling the same rectangle with unit squares creates the same area.	Engage: TE pg. 655B Explore: pg. 655-656 Explain: Share and Show pg. 656	Day 130	Elaborate: On Your Own/Problem Solving pg. 657-658 Elaborate: Practice and Homework pg. 659-660 Evaluate: TE pg. 658 Mid-Chapter Checkpoint (optional) p. 661-662
11.7 Problem Solving/ Area of Rectangles	3.M.6	I can solve real-world problems by finding the area of rectangles.	Engage: TE pg. 663B Explore: pg. 663-664 Explain: Share and Show pg. 665	Day 131	Elaborate: On Your Own/Problem Solving pg. 665-666 Elaborate: Practice and Homework pg. 667-668 Evaluate: TE pg. 666
11.9 Same Perimeter, Different Areas	3.M.5	I can identify and draw rectangles that have the same perimeter and different areas.	Engage: TE pg. 675B Explore: pg. 675-676 Explain: Share and Show pg. 676-677	Day 132	Elaborate: On Your Own/Problem Solving pg. 677-678 Elaborate: Practice and Homework pg. 679-680 Evaluate: TE pg. 678
11.10 Same Area, Different Perimeters	3.M.7	I can identify and draw rectangles that have the same area and different perimeters.	Engage: TE pg. 681B Explore: pg. 681-682 Explain: Share and Show pg. 682-683	Day 133	Elaborate: On Your Own/Problem Solving pg. 683-684 Elaborate: Practice and Homework pg. 685-686 Evaluate: TE pg. 684
Chapter 11 Test				Day 134	Chapter 11 Test
Real World Project: Big Idea 3 Measurement	3.M.5 3.M.6 3.M.7	I can demonstrate that multiplying the side lengths of a rectangle by one another and filling the same rectangle with unit squares.		Day 135	Real World Project: Big Idea 3--Measurement Student Book pg. 557-558 Online Projects pg. B5-B6

	<p>I can identify and draw rectangles that have different perimeters and the same area.</p> <p>I can solve real world problems by finding the area of rectangles.</p> <p>I can find the perimeter of polygons by adding the side lengths.</p>			
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Curriculum Mapping
Math – 3rd Grade
4th Nine Weeks
Tiffany Leger

Chapter 12: Geometry	Number of School Days: 11 days instruction, 2 days assessments, 1 day project, total 14 days
Chapter Vocabulary: closed shape, endpoint, line, line segment, open shape, plane shape, point, ray, 2 dimensional shape, angle, right angle, vertex, decagon, hexagon, octagon, pentagon, polygon, quadrilateral, side, triangle, intersecting lines, parallel lines, perpendicular lines, rectangle, rhombus, trapezoid, square, venn diagram, area, unit fraction	
Code for Indiana Standards: NS=Number Sense C=Computation AT= Algebraic Thinking G = Geometry M = Measurement and DS=Data Analysis and Statistics	
High Importance Moderate Importance Low Importance	

Lesson	Indiana Standard(s)	Learning Targets and “I CAN” Statements	Resources/Activities	Pacing (in school days)	Assessments
Pre-Test/ Chapter Intro			Show What You Know/Vocabulary Activities: Student Book p. 695-696D	Day 136	Personal Math Trainer Pre-Test (available on ThinkCentral)
12.1 Describe Plane Shapes	3.G.2 3.G.3	<p>I can identify points, lines and line segments.</p> <p>I can explain what a point is.</p> <p>I can explain what a line is.</p>	<p>Engage: TE pg. 697B</p> <p>Explore: pg. 697-698</p> <p>Explain: Share and Show pg. 699</p>	Day 137	<p>Elaborate: On Your Own/Problem Solving pg. 699-700</p> <p>Elaborate: Practice and Homework pg. 701-702</p> <p>Evaluate: TE pg. 700</p>

		<p>I can explain what a line segment is.</p> <p>I can use the terms, point, line, and line segment to describe two-dimensional shapes.</p> <p>I can categorize shapes based on their common features.</p>			
12.1a Describe and Draw Plane Shapes	3.G.2 3.G.3	<p>I can draw a point.</p> <p>I can draw a line.</p> <p>I can draw a line segment.</p> <p>I can identify points, lines and line segments.</p>	<p>INSuccess Lesson: Engage: TE pg. 85A Explore: pg. 85-86 Explain: Share and Show pg. 87</p>	Day 138	<p>INSuccess Lesson: Elaborate: On Your Own/Problem Solving pg. 87-88 Elaborate: Practice and Homework pg. 89-90 Evaluate: TE pg. 85A</p>
12.2 Describe Angles in Plane Shapes	3.G.2	<p>I can identify angles as right angles, smaller than a right angle, or greater than a right angle.</p>	<p>Engage: TE pg. 703B Explore: pg. 703-704 Explain: Share and Show pg. 704-705</p>	Day 139	<p>Elaborate: On Your Own/Problem Solving pg. 705-706 Elaborate: Practice and Homework pg. 707-708 Evaluate: TE pg. 706</p>
12.3 Identify Polygons	3.G.2	<p>I can identify polygons by the number of sides and angles they have.</p>	<p>Engage: TE pg. 709B Explore: pg. 709-710 Explain: Share and Show pg. 710-711</p>	Day 140	<p>Elaborate: On Your Own/Problem Solving pg. 711-712 Elaborate: Practice and Homework pg. 713-714 Evaluate: TE pg. 712</p>
12.4 Describe Sides of Polygons/ Mid-Chapter Checkpoint	3.G.2	<p>I can identify lines that are intersecting, perpendicular, and parallel.</p>	<p>Engage: TE pg. 715B Explore: pg. 715-716 Explain: Share and Show pg. 716</p>	Day 141	<p>Elaborate: On Your Own/Problem Solving pg. 716-718 Elaborate: Practice and Homework pg. 719-720 Evaluate: TE pg. 718 Mid-Chapter Checkpoint (optional) pg. 721-722</p>

12.5 Classify Quadrilaterals	3.G.2	I can explain that shapes are related to one another by identifying geometric features they have in common. I can identify quadrilaterals based on their attributes.	Engage: TE pg. 723B Explore: pg. 723 Explain: Share and Show pg. 724	Day 142	Elaborate: On Your Own/Problem Solving pg. 724-726 Elaborate: Practice and Homework pg. 727-728 Evaluate: TE pg. 726
12.6 Draw Quadrilaterals	3.G.2	I can identify and draw rhombi, rectangles, and squares. I can identify and draw quadrilaterals that cannot be categorized as a square, rectangle, or rhombus.	Engage: TE pg. 729B Explore: pg. 729-730 Explain: Share and Show pg. 731	Day 143	Elaborate: On Your Own/Problem Solving pg. 731-732 Elaborate: Practice and Homework pg. 733-734 Evaluate: TE pg. 732
12.7 Describe Triangles	3.G.2	I can identify triangles by their angles and their number of equal sides.	Engage: TE pg. 735B Explore: pg. 735-736 Explain: Share and Show pg. 737	Day 144	Elaborate: On Your Own/Problem Solving pg. 737-738 Elaborate: Practice and Homework pg. 739-740 Evaluate: TE pg. 738
12.8 Problem Solving/ Classify Plane Shapes	3.G.2	I can explain that shapes are related to one another by identifying geometric features they have in common. I can categorize shapes based on their common features.	Engage: TE pg. 741B Explore: pg. 741-742 Explain: Share and Show pg. 743	Day 145	Elaborate: On Your Own/Problem Solving pg. 744 Elaborate: Practice and Homework pg. 745-746 Evaluate: TE pg. 744
12.9 Investigate/ RElate Shapes, Fractions, and Area	3.G.4	I can partition shapes into parts with equal areas. I can show that when shapes are broken into parts with equal areas, these are unit fractions of the whole.	Engage: TE pg. 747B Explore: pg. 747-748 Explain: Share and Show pg. 748-749	Day 146	Elaborate: On Your Own/Problem Solving pg. 749-750 Elaborate: Practice and Homework pg. 751-752 Evaluate: TE pg. 750
12.9a Identify Solid Shapes	3.G.1	I can identify and describe cubes, spheres, prisms, pyramids, cones, and cylinders..	INSuccess Lesson: Engage: TE pg. 91A Explore: pg. 91-92 Explain: Share and Show pg. 92	Day 147	INSuccess Lesson: Elaborate: On Your Own/Problem Solving pg. 93-94 Elaborate: Practice and Homework pg. 95-96

					Evaluate: TE pg. 91A
Chapter 12 Test				Day 148	Chapter 12 Test
Real World Project: Big Idea 4-- Geometry	3.G.2	I can identify 2 dimensional shapes based on their attributes.		Day 149	Real World Project: Big Idea 4--Geometry Student Book pg. 693-694 Online Projects pg. B7-B8

Once testing is complete, there are 20 lessons and 4 projects in the End of Year resources that can be added on if necessary to help prepare students for 4th grade.