MIDDLETOWN MATH SCOPE & SEQUENCE

Grade: 2
Quarter: 3

Standards **Key Ideas, Major Understandings, Performance Indicators, Competencies**		Pacing	Resources **Print, Visual, Technology, Manipulatives**	Assessment **Evidence & Scoring Guides**
Number Sense and Operation Strand Students will understand numbers, multiple ways of representing numbers, relationships among numbers, and number systems.	*Operations* **2.N.16** Use a variety of strategies to solve addition and subtraction problems using one and two-digit numbers with and without regrouping. **2.N.18** Use doubling to add 2-digit numbers. **2.N.19** Use compensation to add 2-digit numbers.	21 days	******See Math Activities in the Teacher Manual** Live Odyssey Link Chapters 12-16 Extra Practice pgs. 361, 35, 351, 499 Technology Link pg. 348 Unit Study Guide pgs. 311-312 One Digit AdditionReview Use alternate resources One digit Subtraction Review Lesson 16.5 pgs. 301-302 Two Digit Addition Two Digit Subtraction	****NY Math Assessment (NYMA) Book And Math Assessment Guide (AG)** Q3-# 5, 7 Review/Test in Each Chapter Performance Assessment pg. 313 NYMA pgs. 75-105 AG Form A pg. 167, 168 AG Form B pg. 169, 170 AG Form A pg. 175, 176 AG Form B pg. 177, 178 AG Form A pg. 183, 184 AG Form B pg. 185, 186 AG Form A pg. 191, 192 AG Form B pg. 193, 194 Q3-# 8
Students will develop strategies for estimating measurements.	*Units* **2.M.6** Know and recognize coins (penny, nickel, dime, quarter) and bills ($1, $5, $10, and $20). **2.M.7** Recognize the whole dollar notation as $1, etc.	15 days	BrainPop Jr. Counting Coins BrainPop Jr. Dollars and Cents Chapter 7 Chapter 7 math games pgs. 116, 117, 118, 119, 120, 121, 122, 123, 124, 125 Chapter 8 math games 133, 134, 135, 136, 137, 143 Problem of the Day 4.2, 7. 1-7.6; 8.1, 8.3, 8.5, 9.1, 9.3, 11.1, 11.7, 14.1, 14.5, 15.5, 16.1, 16.4, 17.1, 18.4, 19.3, 20.1, 21.4, *24.4, 27.2, 28.5	Chapter 7 Review/Test pg. 129 NYMA pg. 47-52 AG Form A pg. 95, 96 AG Form B pg. 97, 98 Chapter 8 Study Guide/Review *145, * 150 NYMA pg. 53-55 AG Form A 103, 104 AG Form B 105, 106 Q3-# 1, 10

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	2.M.8 Identify equivalent combinations to make one dollar.		Compass Learning Activities: 20155, 20177, 20154, 20178, 20152, 20183, 20156, 20184	Q3-# 3, 4 Q3-# 2
Problem Solving Strand Students will build new mathematical knowledge through problem solving.	**2.PS.2** Interpret information correctly, identify the problem, and generate possible solutions.		Problem of the Day Book Leveled Problem Solving Book	Math Journals
Students will solve problems that arise in mathematics and in other contexts.	**2.PS.3** Act out or model with manipulatives activities involving mathematical content from literature and/or story telling.		Problem of the Day Book Leveled Problem Solving Book	Math Journals Anecdotal Records
Students will apply and adapt a variety of appropriate strategies to solve problems.	**2.PS.7** Compare and discuss ideas for solving a problem with teacher and/or students to justify their thinking. **2.PS.8** Use manipulatives (e.g., tiles, blocks) to model the action in problems. **2.PS.9** Use drawings/pictures to model the action in problems.		Problem of the Day Book Leveled Problem Solving Book Problem of the Day Book Leveled Problem Solving Problem of the Day Book Leveled Problem Solving	Anecdotal Records Anecdotal Records Math Journals
Students will monitor and reflect on the process of mathematical problem solving.	**2.PS.10** Explain to others how a problem was solved, giving strategies and justifications.		Problem of the Day Book Leveled Problem Solving Book	Anecdotal Records Q3-# 6

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Students will compute accurately and make reasonable estimates.	*Estimation* **2.N.22** Estimate the number in a collection to 100 and then compare by counting the actual items in the collection.		Lesson 5.5 pgs. 85-86 Center Activity TE: 75H	Math Journals