

MStM Math Curriculum Lesson Plan Template

Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark:

1.A. Understand and apply number properties and operations.

Grade Level Objective: 1.A.3.1: *Develop an understanding of addition, subtraction, multiplication, and division concepts and strategies for basic facts and related facts*

Instructional Strategies:

See attached lesson
www.theteachersguide.com

Assessments: *timed tests, activity masters (worksheet) tests*

Instructional Timeline:

MStM Math Curriculum Lesson Plan Template

Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark:

1.A. Understand and apply number properties and operations.

Grade Level Objective: 1.A.3.2: Develop fluency and quick recall of addition, subtraction and multiplication facts and related division facts

Instructional Strategies:

See attached lesson

www.uen.org

(T) reinforcement

www.AAAMath.com

Assessments: *timed tests, activity masters (worksheet), tests, array*

Instructional Timeline:

MStM Math Curriculum Lesson Plan Template

Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark: 1.A. Understand and apply number properties and operations.

Grade Level Objective: 1.A.3.3: develop fluency with multi-digit addition, subtraction, multiplication and division facts

Instructional Strategies: *see attached lesson*
www.uen.org

Assessments: *activity masters (worksheet) tests, quiz*

Instructional Timeline:

MStM Math Curriculum Lesson Plan Template

Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark: 1.A. Understand and apply number properties and operations.

Grade Level Objective: 1.A.3.4: extend place value concepts to represent and compare whole numbers

Instructional Strategies: *see attached lesson*
www.uen.org

Assessments: *activity masters (worksheet), tests, teacher observation*

Instructional Timeline:

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Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark: 1.A. Understand and apply number properties and operations.

Grade Level Objective: 1.A.3.5: develop an understanding of commonly used fractions, including recognizing and generating equivalent representations and introduce the relationship of fractions and decimals

Instructional Strategies: *see attached lesson*
www.uen.org

Assessments: *activity masters (worksheet), tests, journal*

Instructional Timeline:

MStM Math Curriculum Lesson Plan Template

Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark: 1.B. Understand and apply concepts and procedures of algebra

Grade Level Objective: 1.B.3.1: represent and analyze patterns and relationships involving addition, subtraction, multiplication, and division

Instructional Strategies: see attached lesson
www.uen.org

Assessments: activity masters (worksheet), math journal

Instructional Timeline:

MStM Math Curriculum Lesson Plan Template

Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark: 1.B. Understand and apply concepts and procedures of algebra

Grade Level Objective: 1.B.3.2: identify the commutative, associative, and distributive properties and use them to compute with whole number

Instructional Strategies: see attached lesson
<http://alex.state.al.us>
www.uen.org

Assessments: activity masters (worksheet), test

Instructional Timeline:

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Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark: 1.B. Understand and apply concepts and procedures of algebra

Grade Level Objective: 1.B.3.3: represents and analyze patterns and functions, using words, tables, and graphs

Instructional Strategies: See attached lesson plan
www.beaconlearningcenter.com

Assessments: activity masters (worksheet), test

Instructional Timeline:

MStM Math Curriculum Lesson Plan Template

Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark: **1.C. Understand and apply concepts of geometry**

Grade Level Objective: 1.C.3.1: recognize and describe shapes and structures in the physical environment

Instructional Strategies: *see attached lesson*
www.uen.org

Assessments: *attributes of a cube game. Teacher observation*

Instructional Timeline:

MStM Math Curriculum Lesson Plan Template

Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark: **1.C. Understand and apply concepts of geometry**

Grade Level Objective: 1.C.3.2: explore congruence and symmetry

Instructional Strategies: *see attached lesson*
<http://alex.state.al.us>

Assessments: *project, teacher observation*

Instructional Timeline:

MStM Math Curriculum Lesson Plan Template

Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark: 1.C. Understand and apply concepts of geometry

Grade Level Objective: 1.C.3.3: predict and describe the results of sliding, flipping, and turning

Instructional Strategies: see attached lesson
www.uen.org

Assessments: activity masters (worksheet), teacher observation

Instructional Timeline:

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Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark: **1.C. Understand and apply concepts of geometry**

Grade Level Objective: 1.C.3.4: use geometric models to solve problems such as determining perimeter, area, volume, and surface area

Instructional Strategies: *see attached lesson for additional websites and plan*
www.beaconlearningcenter.com

Assessments: *activity masters (worksheet), teacher observation*
Coordinate graph

Instructional Timeline:

MStM Math Curriculum Lesson Plan Template

Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark: **1.C. Understand and apply concepts of geometry**

Grade Level Objective: 1.C.3.5: use ordered pairs on a coordinate grid to describe points

Instructional Strategies:

Use geoboards and fruit loops to play a modified version of Battleship. First, students use tape to label the side and bottom of their geoboards with numbers (creating the ordered pairs). Students place a red fruit loop on *one ordered pair. Partner students, placing a divider between desks (folders standing up work well). Students then use other colored fruit loops to mark off ordered pairs as they call them out in an attempt to locate their partners red fruit loop. I always model this with the whole group first, using a dot pattern on the overhead for the geoboard, red marker for the red fruit loop and other colored marker for the other fruit loops. One child turns their seat so they cannot see the overhead, I mark an ordered pair and they begin guessing coordinates. I circle as they guess OR have other students circle the guesses. Everyone wants to be the "guesser". When you feel comfortable they have the idea, then let them play against one another.*

www.proteacher.org/a/53053_Geoboard_Graphing.html

Assessments: *teacher observation*

Instructional Timeline:

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Grade Level: 3rd

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Math Standard/Benchmark: *1.D. Understand and apply concepts of measurement*

Grade Level Objective: 1.D.3.1: select and apply appropriate standard (customary and metric) units and tools to measure length/distance, temperature, capacity, weight, and the size of angles

Instructional Strategies: *see attached lesson*
www.uen.org

Assessments: *journal entries, teacher observation, activity masters (worksheet),*

Instructional Timeline:

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Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark: 1.D. Understand and apply concepts of measurement

Grade Level Objective: 1.D.3.2 explore using time and money

Instructional Strategies: see attached lesson
www.beaconlearningcenter.com
reinforcement
www.arcytech.org

Assessments: rubric, teacher observation

Instructional Timeline:

Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark: *1.E. Understand and apply concepts in probability and statistics*

Grade Level Objective: 1.E.3.1: introduce the distribution of data using mean, median, mode and range

Instructional Strategies: *See attached lesson*

www.k6edu.com

www.beaconlearningcenter.com

Assessments: *activity masters (worksheet), teacher observation*

Instructional Timeline:

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Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark: **1.E. Understand and apply concepts in probability and statistics**

Grade Level Objective: 1.E.3.2: propose and justify conclusions and predictions based on data

Instructional Strategies: *see attached lesson*
www.uen.org

Assessments: *activity masters (worksheet), bar graph, battleship grid*

Instructional Timeline:

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Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark: 1.E. Understand and apply concepts in probability and statistics

Grade Level Objective: 1.E.3.3: predict the ***probability*** of simple experiments and events and test the predictions and discuss the degree of likelihood using words such as certain, equally, likely, or impossible

Instructional Strategies: see attached lesson

<http://eduref.org>

Assessments: teacher observation

Instructional Timeline:

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Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark: **2. A. Understand and apply concepts and procedures of standard rounding and number sense**

Grade Level Objective: 2.A.3.1: develop the ability to estimate the results of computation with whole numbers and be able to judge reasonableness

Instructional Strategies: *see attached lesson*
www.lessonplanspage.com

Assessments: *teacher observation*

Instructional Timeline:

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Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark: 2. A. Understand and apply concepts and procedures of standard rounding and number sense

Grade Level Objective: 2.A.3.2: Develop the ability to round whole numbers

Instructional Strategies: See attached lesson
www.beaconlearningcenter.com
reinforcement
<http://pres-school.home.att.net>

Assessments: teacher observation, math journal

Instructional Timeline:

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Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark: *2. A. Understand and apply concepts and procedures of standard rounding and number sense*

Grade Level Objective: 2.A.3.3: estimate the answer to an addition and subtraction problems before computing and determine if the computed answer is correct

Instructional Strategies: *see attached lesson*
<http://alex.state.al.us>

Assessments: *graphs, teacher observation, rubrics*

Instructional Timeline:

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Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark: 2. A. Understand and apply concepts and procedures of standard rounding and number sense

Grade Level Objective: 2.A.3.4: use benchmarks to help develop number sense

Instructional Strategies: see attached lesson
www.uen.org

Assessments: teacher observation

Instructional Timeline:

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Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark: 3.A Solve math problems

Grade Level Objective: 3.A.3.1: Can solve single step and multiple step math problems

Instructional Strategies: See attached lesson
www.teachervision.fen.com

Assessments: rubric, activity master (worksheet)

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Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark: 3.A Solve math problems

Grade Level Objective: 3.A.3.2: identify extraneous and insufficient information in problems

Instructional Strategies: See attached lesson
www.pacificnet.net

Assessments: math journal, teacher observation

Instructional Timeline:

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Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark: **3.B. Understand and apply problem-solving approaches and procedures**

Grade Level Objective: 3.B.3.1: choose a method for solving a problem

Instructional Strategies: *see attached lesson*
www.uen.org

Assessments: *activity masters (worksheet), teacher observation*

Instructional Timeline:

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Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark: 4.A. Use tables and graphs to locate and read information.

Grade Level Objective: 4.A.3.1: represent and analyze data using tallies, pictographs, table, line plots, bar graphs, circle graphs and line graphs

Instructional Strategies: see attached lesson
<http://alex.state.al.us>

Assessments: rubric, teacher observation

Instructional Timeline:

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Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark: 4.A. Use tables and graphs to locate and read information.

Grade Level Objective: 4.A.3.2: construct and analyze tables, bar graphs, picture graphs and line plots

Instructional Strategies: see attached lesson
www.uen.org

Assessments: teacher observation, graphing, rubric

Instructional Timeline:

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Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark: **4.B. Interpret data from a variety of sources**

Grade Level Objective: 4.B.3.1: compare different representations of the same data and evaluate how well each representation shows important aspects of the data

Instructional Strategies: *see attached lesson*
<http://alex.state.al.us>

Assessments: *teacher observation*
Activity sheet, tally sheet, graph

Instructional Timeline:

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Math Standard/Benchmark:

Grade Level Objective:

Instructional Strategies:

Assessments:

Instructional Timeline:

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Grade Level: 3rd

Teacher: O'Mara/Meier

Math Standard/Benchmark:

Grade Level Objective:

Instructional Strategies:

Assessments:

Instructional Timeline: