

CURRICULUM ROAD MAP



SCOPE AND SEQUENCE OVERVIEW



| | CYCLE 1 | CYCLE 2 | CYCLE 3 | ACE TERM | SUMMER |
|-----------------------|---|--|--|---|------------------------------------|
| READING | SAND PAPER LETTERS MONTESSORI WASECA READING HEGGERTY PHONEMIC AWARENESS MAKING MEANING READ ALOUD GUIDED READING GROUPS + BUDDIES | SAND PAPER LETTERS MONTESSORI WASECA READING HEGGERTY PHONEMIC AWARENESS MAKING MEANING READ ALOUD GUIDED READING GROUPS + BUDDIES | SAND PAPER LETTERS MONTESSORI WASECA READING HEGGERTY PHONEMIC AWARENESS MAKING MEANING READ ALOUD GUIDED READING GROUPS + BUDDIES | SAND PAPER LETTERS MONTESSORI WASECA READING HEGGERTY PHONEMIC AWARENESS MAKING MEANING READ ALOUD GUIDED READING GROUPS + BUDDIES | DAILY READING: AT LEAST 15 MINUTES |
| LANGUAGE | PRIMARY PHONICS MONTESSORI LANGUAGE CURRICULUM UFLI + SPELLING | PRIMARY PHONICS MONTESSORI LANGUAGE CURRICULUM UFLI + SPELLING | PRIMARY PHONICS MONTESSORI LANGUAGE CURRICULUM UFLI + SPELLING | PRIMARY PHONICS MONTESSORI LANGUAGE CURRICULUM UFLI + SPELLING | X |
| WRITING | 4 SQUARE PLAN WRITING INTRODUCTION OPINION WRITING WEEKLY JOURNAL WRITING HANDWRITING PRACTICE | OPINION WRITING INFORMATIVE WRITING WEEKLY JOURNAL WRITING HANDWRITING PRACTICE | INFORMATIVE WRITING EXPLANATORY WRITING WEEKLY JOURNAL WRITING HANDWRITING PRACTICE | EXPLANATORY WRITING NARRATIVE WRITING WEEKLY JOURNAL WRITING HANDWRITING PRACTICE | JOURNAL WRITING |
| MATH | MONTESSORI MATH CURRICULUM DAILY MATH WARM-UP (CCSS) MATH FACT PRACTICE FRECKLE MATH PRACTICE (ONLINE) | MONTESSORI MATH CURRICULUM DAILY MATH WARM-UP (CCSS) MATH FACT PRACTICE FRECKLE MATH PRACTICE (ONLINE) | MONTESSORI MATH CURRICULUM DAILY MATH WARM-UP (CCSS) MATH FACT PRACTICE FRECKLE MATH PRACTICE (ONLINE) | MONTESSORI MATH CURRICULUM DAILY MATH WARM-UP (CCSS) MATH FACT PRACTICE FRECKLE MATH PRACTICE (ONLINE) | FRECKLE MATH PRACTICE (ONLINE) |
| SCIENCE | MYSTERY SCIENCE UNIT YEAR A/B: FORCE OLYMPICS SPINNING SKY | MYSTERY SCIENCE UNIT YEAR A/B: FORCE OLYMPICS SPINNING SKY | MYSTERY SCIENCE UNIT YEAR A/B: WEATHER WATCHING LIGHT AND SOUNDS | MYSTERY SCIENCE UNIT YEAR A/B: PLANT AND ANIMAL SECRETS PLANT AND ANIMAL SUPERPOWERS | X |
| SOCIAL STUDIES | 1) MAKE YOUR OWN MAP 2) DIRECTIONS (N, S, E, W) 3) MONTESSORI: LAND, WATER, AIR 1) ME IN THE PAST, PRESENT, AND FUTURE 2) MY FAMILY AND ME 3) FAMILY WORKING TOGETHER 4) ALL FAMILIES ARE DIFFERENT 5) HOW FAMILY AND SCHOOL ARE ALIKE | 1) INTRODUCTION TO SANDPAPER GLOBE 2) INTRODUCTION TO CONTINENT GLOBE 3) CONTINENT PUZZLE MAP 1) GOODS AND SERVICES 2) PRODUCERS AND CONSUMERS 3) WHAT IS SCARCITY? 4) MONEY AND TRADING 5) FAMILIES, JOBS, AND MONEY | 1) CONTINENT CARDS 2) LAND AND WATER FORMS 3) MAKE YOUR OWN LAND/ WATER FORMS 1) GLOBES, MAPS, AND AERIAL VIEWS 2) HOW DO I WRITE AN ADDRESS? 3) DIRECTION WORDS 4) HUMAN AND NATURAL CHARACTERISTICS 5) ENVIRONMENTAL INTERACTIONS | 1) NORTH AMERICAN STUDY 2) SOUTH AMERICAN STUDY 3) BIOMES OF THE WORLD 1) PAST, PRESENT, AND FUTURE 2) WHAT IS A CALENDAR? 3) LEARNING ABOUT OUR PAST 4) MY FAMILY IN THE PAST 5) SCHOOL THEN AND NOW + HOLIDAYS | X |
| HOMEWORK | MONTHLY READING LOG (≥15 MIN. PER NIGHT) PRACTICAL LIFE CHOICES (3 PER MONTH) | MONTHLY READING LOG (≥15 MIN. PER NIGHT) PRACTICAL LIFE CHOICES (3 PER MONTH) | MONTHLY READING LOG (≥15 MIN. PER NIGHT) PRACTICAL LIFE CHOICES (3 PER MONTH) | MONTHLY READING LOG (≥15 MIN. PER NIGHT) PRACTICAL LIFE CHOICES (3 PER MONTH) | X |

WALDEN GREEN MONTESSORI + CURRICULUM PACING GUIDE TEMPLATE (≥30 WEEKS OF INSTRUCTION)

| GRADE LEVEL: K 1ST CONTENT AREA: MATH | | CURRICULUM NAME/TITLE: K/I MONTESSORI MATH | |
|--|------------------------------------|--|---|
| LESSON/LEVEL | FOCUS/TOPIC/SKILL | LESSON/LEVEL | FOCUS/TOPIC/SKILL |
| 1 | QUANTITY 0-9 | 16 | NUMERAL CARD LAYOUT |
| 2 | QUANTITY WITH SYMBOL 0-9 | 17 | STATIC ADDITION WITH THE GOLDEN BEADS (DECIMAL SYSTEM) |
| 3 | CARDS AND COUNTERS (ODD AND EVEN) | 18 | EXCHANGE GAME |
| 4 | NUMBER RODS 1-10 | 19 | DYNAMIC ADDITION WITH THE GOLDEN BEADS (DECIMAL SYSTEM) |
| 5 | TEEN BEADS | 20 | STATIC AND DYNAMIC ADDITION WITH STAMP GAME |
| 6 | TEEN BEADS WITH NUMBER ASSOCIATION | 21 | STATIC SUBTRACTION WITH THE GOLDEN BEADS |
| 7 | TEEN BOARDS WITH BEADS | 22 | DYNAMIC SUBTRACTION WITH THE GOLDEN BEADS |
| 8 | TEEN BOARD WITH 10 BARS | 23 | STATIC AND DYNAMIC SUBTRACTION WITH THE STAMP GAME |
| 9 | THE HUNDRED BOARD | 24 | TELLING TIME |
| 10 | ADDITION STRIP BOARD | 25 | MEASUREMENT |
| 11 | ADDITION EQUATION BOXES | 26 | COUNTING MONEY |
| 12 | INTRODUCTION TO DECIMAL SYSTEM | 27 | GRAPHING |
| 13 | TRAY OF 9'S | 28 | 2D AND 3D SHAPES |
| 14 | EQUIVALENCY TRAY | 29 | GEOMETRIC SOLIDS |
| 15 | 45 LAYOUT | 30 | TRIANGLE BOXES |



| WEEKS | SKILLS COVERED | CCSS | TEKS |
|-------|--|---|---------------------------------------|
| 1-3 | Number writing, adding to 8 and 9, number bonds, before/after, addition (+1, +2) | K.CC.A3 K.CC.B.4.A K.CC.B.4.B K.CC.B.4.C K.CC.B.5 | K.2B K.2C K.2D K.2I |
| 4-6 | Numbers to 10: number writing, counting, quantity identification, ten frames, more/less | K.CC.A3 K.CC.B.4.A K.CC.B.4.B K.CC.C.6 | K.2B K.2C K.2D K.2I K.2.G |
| 7-9 | Numbers to 10: number writing, counting, quantity identification, ten frames, one and two more | K.CC.A3 K.CC.B.4.A K.CC.B.4.B K.CC.B.4.C K.CC.B.5 | K.2B K.2C K.2D K.2F |
| 10-12 | Number writing to 20, addition to 5, quantity identification, before/after, number words | K.CC.A3 K.CC.B.4.A K.CC.B.4.B K.CC.B.4.C K.CC.B.5 K.OA.A.2 | K.2B K.2C K.2F K.2I K.3A |
| 13-15 | Number writing, adding to 6 and 7, ordering numbers, before/after, skip counting by 10s | K.CC.A2 K.CC.A.1 K.CC.A.3 K.OA.A.1 K.OA.A.2 K.OA.A.3 | K.2B K.2F K.2I K..5 |

| WEEKS | SKILLS COVERED | CCSS | TEKS |
|-------|--|--|--------------------------------------|
| 16-18 | Date, addition with pictures, number bonds, before/after, addition fact fluency | K.CC.A2 K.CC.A.1 K.CC.A.3 K.OA.A.1 K.OA.A.3 | K.2B K.2F K.2I K..5 |
| 19-21 | Date, addition with pictures, number bonds, counting back, heavier/lighter | K.CC.A2 K.CC.A.1 K.CC.A.3 K.OA.A.1 K.OA.A.3 K.MD.A.2 | K.2B K.2F K.2I K..5 K.7A |
| 22-24 | Date, ten frames (teens), tallies, shapes, number bonds | K.NBT.A.1 K.CC.A.5 K.OA.A.3 K.OA.A.4 K.G.A.2 | K.2A K.2B K.2C K.2I K.6A |
| 25-27 | Date, subtraction, ten partners, shapes, number patterns | K.OA.A.1 K.CC.A.4 K.OA.A.2 K.G.A.2 K.G.A.4 K.CC.A.1-2 | K.3A K.2I K.6D K.5 |
| 28-30 | Date, addition stories, measurement, coin identification, greater than/less than | K.OA.A.2 K.MD.A.2 CC.A.7 | K.3B K.7B K.4 K.2H |

| WEEKS | SKILLS COVERED | CCSS | TEKS |
|-------|--|----------------------------------|--|
| 31-33 | Date, ten partners addition and subtraction, subtraction number stories, addition fact fluency | K.OA.A.1 K.OA.A.2 K.OA.A.4 | K.2I K.3A K.3B |
| 34-36 | Date, ten to teen, geometry, subtraction fact fluency | K.NBT.A.1 K.G.A.4 K.OA.A.1 | 1.3A (1 st grade preview) K.6A K.6F K.3A |



| Weeks | Skills Covered | CCSS | TEKS |
|-------|--|--|------------------------------|
| 1-3 | fact fluency, subitizing, number tracing, counting, basic addition using pictures | 1.NBT.A.1 A.OA.C.6 | 1.2A 1.3D 1.5F |
| 4-6 | fact fluency, ten frames, part-part-whole, basic addition using pictures, | 1.OA.C.5 1.OA.C.6 1.OA.D.8 | 1.2A 1.3D |
| 7-9 | fact fluency, ten frames, part-part-whole, basic addition/subtraction using pictures, composing/decomposing 10 | 1.OA.C.5 1.OA.C.6 1.OA.D.8 | 1.2A 1.3D |
| 10-12 | fact fluency, mixed addition/subtraction, number patterns, part-part-whole, composing/decomposing 10 | 1.OA.B.3 1.OA.C.5 1.OA.C.6 1.OA.D.8 | 1.3C 1.3D 1.5B 1.5F |
| 13-15 | fact fluency, fact families, basic addition/subtraction, part-part-whole, true/false, composing/decomposing 10 | 1.OA.B.3 1.OA.C.5 1.OA.C.6 1.OA.D.7 1.OA.D.8 | 1.3C 1.3D 1.5E 1.5F |

| Weeks | Skills Covered | CCSS | TEKS |
|-------|--|--|--|
| 16-18 | fact fluency, subtraction, true/false, number patterns, missing addend, composing/decomposing 10 | 1.OA.B.3 1.OA.C.5 1.OA.C.6 1.OA.D.7 1.OA.D.8 | 1.3C 1.3D 1.5B 1.5E 1.5F |
| 19-21 | fact fluency, time to the hour/half hour, 1 more/less, 10 more/less, place value, composing/decomposing 10 | 1.OA.C.6 1.OA.D.7 1.NBT.B.2 1.NBT.C.5 1.MD.B.3 | 1.2C 1.3C 1.3D 1.5C 1.7E |
| 22-24 | fact fluency, standard/expanded form, balance equations, number bonds, adding three numbers | 1.OA.A.2 1.OA.C.6 1.OA.D.7 1.OA.D.8 1.NBT.B.2 | 1.2C 1.3C 1.3D 1.5E 1.5G |
| 25-27 | fact fluency, money identification, counting a collection of coins, greater/less than, balance equation, composing/decomposing 10, 1 more/less, 10 more/less | 1.OA.C.6 1.OA.D.8 1.NBT.B.3 1.NBT.C.4 1.NBT.C.5 1.NBT.C.6 | 1.2G 1.3A 1.3D 1.4B 1.4C 1.5E 1.9D |
| 28-30 | fact fluency, geometry (2D & 3D), place value, missing addend, composing/decomposing 10 | 1.OA.C.6 1.OA.D.8 1.NBT.B.2 1.NBT.C.4 1.NBT.C.6 1.G.A.2 | 1.3B 1.3D 1.6D 1.6E |

| Weeks | Skills Covered | CCSS | TEKS |
|-------|--|---|--|
| 31-33 | fact fluency, geometry (2D & 3D), place value, missing addend, composing/decomposing 10, fractions, 2 digit addition/subtraction without regrouping, time | 1.NBT.B.2 1.NBT.C.4 1.MD.B.3 1.G.A.3 | 1.3A 1.3D 1.5F 1.5G 1.6G 1.6H |
| 34-36 | fact fluency, graphs, number bonds, 2 digit addition/subtraction without regrouping (2 nd grade jumpstart), adding three numbers, fact families, composing/decomposing 10, missing addend | 1.OA.D.8 1.NBT.B.2 1.NBT.C.6 1.NBT.C.4 1.MD.C.4 | 1.3B 1.3D 1.5F 1.5G 1.8C |




| | CYCLE 1 | CYCLE 2 | CYCLE 3 | ACE TERM | SUMMER |
|-----------------------|--|--|--|--|------------------------------------|
| READING | GUIDED READING GROUPS WEEKLY "TEXT TIME" PASSAGES READING NOTEBOOK (WEEKLY) MAKING MEANING READ ALOUD FRECKLE READING (ONLINE) DEAR WITH TARGETED LEVELED BOOKS | GUIDED READING GROUPS WEEKLY "TEXT TIME" PASSAGES READING NOTEBOOK (WEEKLY) MAKING MEANING READ ALOUD FRECKLE READING (ONLINE) DEAR WITH TARGETED LEVELED BOOKS | GUIDED READING GROUPS WEEKLY "TEXT TIME" PASSAGES READING NOTEBOOK (WEEKLY) MAKING MEANING READ ALOUD FRECKLE READING (ONLINE) DEAR WITH TARGETED LEVELED BOOKS | GUIDED READING GROUPS WEEKLY "TEXT TIME" PASSAGES READING NOTEBOOK (WEEKLY) MAKING MEANING READ ALOUD FRECKLE READING (ONLINE) DEAR WITH TARGETED LEVELED BOOKS | DAILY READING: AT LEAST 15 MINUTES |
| LANGUAGE | WEEKLY MONTESSORI LANGUAGE LEVELS UFLI + SPELLING/VOCABULARY WEEKLY SPIRAL LANGUAGE LEVELS | WEEKLY MONTESSORI LANGUAGE LEVELS UFLI + SPELLING/VOCABULARY WEEKLY SPIRAL LANGUAGE LEVELS | WEEKLY MONTESSORI LANGUAGE LEVELS UFLI + SPELLING/VOCABULARY WEEKLY SPIRAL LANGUAGE LEVELS | WEEKLY MONTESSORI LANGUAGE LEVELS UFLI + SPELLING/VOCABULARY WEEKLY SPIRAL LANGUAGE LEVELS | X |
| WRITING | OPINION WRITING NARRATIVE WRITING WEEKLY JOURNAL + PENMANSHIP | INFORMATIVE WRITING EXPLANATORY WRITING WEEKLY JOURNAL + PENMANSHIP | OPINION WRITING NARRATIVE WRITING WEEKLY JOURNAL + PENMANSHIP | INFORMATIVE WRITING EXPLANATORY WRITING POETRY | JOURNAL WRITING |
| MATH | MONTESSORI MATH CURRICULUM WEEKLY CCSS MATH LESSON SPIRAL MATH LEVELS (AS NEEDED) FRECKLE + MAP-A MATH (ONLINE) | MONTESSORI MATH CURRICULUM WEEKLY CCSS MATH LESSON SPIRAL MATH LEVELS (AS NEEDED) FRECKLE + MAP-A MATH (ONLINE) | MONTESSORI MATH CURRICULUM WEEKLY CCSS MATH LESSON SPIRAL MATH LEVELS (AS NEEDED) FRECKLE + MAP-A MATH (ONLINE) | MONTESSORI MATH CURRICULUM WEEKLY CCSS MATH LESSON SPIRAL MATH LEVELS (AS NEEDED) FRECKLE + MAP-A MATH (ONLINE) | FRECKLE + MAP-A MATH (ONLINE) |
| SCIENCE | MYSTERY SCIENCE UNIT YEAR A/B: PLANT ADVENTURES FATES OF TRAITS ANIMALS THROUGH TIME | MYSTERY SCIENCE UNIT YEAR A/B: WORK OF WATER INVISIBLE FORCES | MYSTERY SCIENCE UNIT YEAR A/B: MATERIAL MAGIC STORMY SKIES | MYSTERY SCIENCE UNIT YEAR A/B: CIRCLES OF LIFE | X |
| SOCIAL STUDIES | 1) WHAT IS A FAMILY? 2) WHAT IS A COMMUNITY? 3) WHY DO PEOPLE LIVE IN COMMUNITIES? 4) COMPARING DIFFERENT COMMUNITIES 5) MY COMMUNITY CHARACTERISTICS 6) WHAT IS A GOOD CITIZEN? MICHIGAN GEOGRAPHY UNIT MONTESSORI MAPS + COUNTRY REPORT | DIVERSITY IN A COMMUNITY WHY WE FORM GOVERNMENTS WHY WE NEED LAWS 3 BRANCHES OF GOVERNMENT WHAT DOES OUR GOVERNMENT DO? CORE DEMOCRATIC VALUES MICHIGAN HISTORY UNIT MONTESSORI MAPS + COUNTRY REPORT | WHAT IS A MAP? WHAT IS LOCATION? WHAT IS TRANSPORTATION? WHAT IS A LANDFORM? WHAT IS A BODY OF WATER? CITY, STATE, COUNTRY, CONTINENT MICHIGAN GROWTH UNIT MONTESSORI MAPS + COUNTRY REPORT | MONTESSORI MAPS + COUNTRY REPORT | X |
| HOMEWORK | MONTHLY READING LOG (≥15 MIN. PER NIGHT) PRACTICAL LIFE CHOICES (3 PER MONTH) | MONTHLY READING LOG (≥15 MIN. PER NIGHT) PRACTICAL LIFE CHOICES (3 PER MONTH) | MONTHLY READING LOG (≥15 MIN. PER NIGHT) PRACTICAL LIFE CHOICES (3 PER MONTH) | MONTHLY READING LOG (≥15 MIN. PER NIGHT) PRACTICAL LIFE CHOICES (3 PER MONTH) | X |

WALDEN GREEN MONTESSORI + MATH PACING GUIDE

| 2ND GRADE | | 3RD GRADE | |
|--------------------|---|--------------------|---|
| CYCLE | FOCUS (+ MONTESSORI LEVEL, FRECKLE/MAP-A, SPIRAL, FACT PRACTICE) | CYCLE | FOCUS (+ MONTESSORI LEVEL, FRECKLE/MAP-A, SPIRAL, FACT PRACTICE) |
| FIRST 2 WEEKS | <i>USING SPIRAL DATA, PLACE STUDENTS IN 4 MONTESSORI MATH GROUPS STUDENTS WORK ON EACH LEVEL FOR 2 WEEKS BEFORE ADVANCING</i> | FIRST 2 WEEKS | <i>USING SPIRAL DATA, PLACE STUDENTS IN 4 MONTESSORI MATH GROUPS STUDENTS WORK ON EACH LEVEL FOR 2 WEEKS BEFORE ADVANCING</i> |
| | 2.NBT.1 - PLACE VALUE | | 3.NBT.1 - ROUNDING WHOLE NUMBERS |
| 1.1 | 2.NBT.2 - COUNTING & SKIP COUNTING | 1.1 | 3.NBT.2 - ADDING & SUBTRACTING |
| 1.2 | 2.NBT.3 - READING & WRITING NUMBERS TO 1000 | 1.2 | 3.NBT.3 - MULTIPLY BY MULTIPLES OF 10 |
| 1.3 | 2.NBT.4 - COMPARING NUMBERS | 1.3 | REVIEW AND TEST OF NBT DOMAIN |
| 1.4 | 2.NBT.5 - ADDING AND SUBTRACTING WHOLE NUMBERS | 1.4 | 3.OA.1 - INTERPRET MULTIPLICATION PRODUCTS |
| 1.5 | 2.NBT.6 - ADDING TWO-DIGIT NUMBERS | 1.5 | 3.OA.2 - EQUAL GROUPS DIVISION |
| 1.6 | 2.NBT.7 - ADDING AND SUBTRACTING WITHIN 1000 | 1.6 | 3.OA.3 - MULTIPLICATION & DIVISION STRATEGIES & WORD PROBLEMS |
| 1.7 | 2.NBT.8 - MENTALLY ADD AND SUBTRACT 100 OR 10 | 1.7 | 3.OA.4 - MULTIPLICATION AND DIVISION EQUATIONS |
| 1.8 | 2.NBT.9 - EXPLAIN ADDITION AND SUBTRACTION STRATEGIES | 1.8 | 3.OA.5 - PROPERTIES OF OPERATIONS |
| 2.1 | REVIEW AND TEST OF NBT DOMAIN | 2.1 | 3.OA.6 - DIVISION AS AN UNKNOWN-FACTOR PROBLEM |
| 2.2 | 2.OA.1 - ADDITION AND SUBTRACTION WORD PROBLEMS | 2.2 | 3.OA.7 - MULTIPLY AND DIVIDE WITHIN 100 |
| 2.3 | 2.OA.2 - ADDING AND SUBTRACTING WITHIN 20 | 2.3 | 3.OA.8 - TWO-STEP WORD PROBLEMS, EQUATIONS & ESTIMATION |
| 2.4 | 2.OA.3 - EVEN AND ODD NUMBERS | 2.4 | 3.OA.9 - ARITHMETIC PATTERNS |
| 2.5 | 2.OA.4 - ARRAYS & REPEATED ADDITION | 2.5 | REVIEW AND TEST OF OA DOMAIN |
| 2.6 | REVIEW AND TEST OF OA DOMAIN | 2.6 | 3.NF.1 - EQUAL PARTS, FRACTIONS |
| 2.7 | 2.MD.1 - MEASURING LENGTHS | 2.7 | 3.NF.2 - FRACTIONS ON NUMBER LINES |
| 2.8 | 2.MD.2 - DIFFERENT MEASUREMENT UNITS | 2.8 | 3.NF.3 - EQUIVALENT FRACTIONS & COMPARING FRACTIONS |
| 3.1 | 2.MD.3 - ESTIMATE LENGTHS (IN., FT., CM, & M) | 3.1 | REVIEW AND TEST OF FRACTIONS DOMAIN |
| 3.2 | 2.MD.4 - DIFFERENCES IN LENGTHS | 3.2 | 3.MD.1 - TELLING TIME TO THE MINUTE & ELAPSED TIME |
| 3.3 | 2.MD.5 - WORD PROBLEMS INVOLVING LENGTH | 3.3 | 3.MD.2 - VOLUME & MASS |
| 3.4 | 2.MD.6 - NUMBER LINES | 3.4 | 3.MD.3 - BAR GRAPHS & (PICTURE) PICTOGRAPHS |
| 3.5 | 2.MD.7 - TIME | 3.5 | 3.MD.4 - MEASUREMENT & LINE PLOTS |
| 3.6 | 2.MD.8 - MONEY | 3.6 | 3.MD.5 - RECOGNIZE AREA & UNIT SQUARES |
| 3.7 | 2.MD.9 - LINE PLOTS | 3.7 | 3.MD.6 - MEASURE AREAS USING UNIT SQUARES |
| 3.8 | 2.MD.10 - PICTURE GRAPHS AND BAR GRAPHS | 3.8 | 3.MD.7 - AREA: MULTIPLICATION, ADDITION & TILING |
| ACE TERM: WEEK 1 | REVIEW AND TEST OF MEASUREMENT AND DATA DOMAIN | ACE TERM: WEEK 1 | 3.MD.8 - PERIMETER OF POLYGONS |
| ACE TERM: WEEK 2 | 2.G.1 - SHAPES | ACE TERM: WEEK 2 | REVIEW AND TEST OF MEASUREMENT AND DATA DOMAIN |
| ACE TERM: WEEK 3 | 2.G.2 - PARTITION RECTANGLES | ACE TERM: WEEK 3 | 3.G.1 - IDENTIFY & CLASSIFY SHAPES |
| ACE TERM: WEEK 4 | 2.G.3 - FRACTIONS & EQUAL SHARES | ACE TERM: WEEK 4 | 3.G.2 - PARTITION SHAPES |
| ACE TERM: WEEK 5-6 | REVIEW AND TEST OF GEOMETRY DOMAIN | ACE TERM: WEEK 5-6 | REVIEW AND TEST OF GEOMETRY DOMAIN |

WGM MATH INSTRUCTION + PACING GUIDE (2ND/3RD)

|  | LOWER 2ND | HIGHER 2ND | LOWER 3RD | HIGHER 3RD |
|---|--|--|---|---|
| CYCLE 1 | <p>WEEKLY CCSS MATH LESSON (2ND) 12-20 Task Cards</p> <p>SPIRAL MATH LEVEL C 1 Page (2 Parts) Per Week</p> <p>WEEKLY FRECKLE MATH PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MONTESSORI MATH (2 Weeks Per Level) 1) Numeration & Place Value 2) Telling Time & Roman Numerals 3) Addition: Golden Beads</p> | <p>WEEKLY CCSS MATH LESSON (2ND) 12-20 Task Cards</p> <p>SPIRAL MATH LEVEL D 1 Page (2 Parts) Per Week</p> <p>WEEKLY FRECKLE MATH PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MONTESSORI MATH (2 Weeks Per Level) 6) Addition: Abstraction 7) Subtraction: Golden Beads 8) Subtraction: Stamp Game</p> | <p>WEEKLY CCSS MATH LESSON (3RD) 12-20 Task Cards</p> <p>SPIRAL MATH LEVEL D 1 Page (2 Parts) Per Week</p> <p>WEEKLY MAP-A PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MONTESSORI MATH (2 Weeks Per Level) 10) Subtraction: Abstraction 11) Montessori Decanomial 12) Multiplication: Multiples (1-10)</p> | <p>WEEKLY CCSS MATH LESSON (3RD) 12-20 Task Cards</p> <p>SPIRAL MATH LEVEL E 1 Page (2 Parts) Per Week</p> <p>WEEKLY MAP-A PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MONTESSORI MATH (2 Weeks Per Level) 14) Multiplication: Stamp Game 15) Multiplication: Checkerboard 16) Multiplication: Lattice</p> |
| CYCLE 2 | <p>WEEKLY CCSS MATH LESSON (2ND) 12-20 Task Cards</p> <p>SPIRAL MATH LEVEL C 1 Page (2 Parts) Per Week</p> <p>WEEKLY FRECKLE MATH PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MONTESSORI MATH (2 Weeks Per Level) 4) Addition: Stamp Game 5) Addition: Large Bead Frame 6) Addition: Abstraction</p> | <p>WEEKLY CCSS MATH LESSON (2ND) 12-20 Task Cards</p> <p>SPIRAL MATH LEVEL D 1 Page (2 Parts) Per Week</p> <p>WEEKLY FRECKLE MATH PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MONTESSORI MATH (2 Weeks Per Level) 9) Subtraction: Large Bead Frame 10) Subtraction: Abstraction 11) Montessori Decanomial</p> | <p>WEEKLY CCSS MATH LESSON (3RD) 12-20 Task Cards</p> <p>SPIRAL MATH LEVEL D 1 Page (2 Parts) Per Week</p> <p>WEEKLY MAP-A PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MONTESSORI MATH (2 Weeks Per Level) 13) Multiplication: Golden Beads 14) Multiplication: Stamp Game 15) Multiplication: Checkerboard</p> | <p>WEEKLY CCSS MATH LESSON (3RD) 12-20 Task Cards</p> <p>SPIRAL MATH LEVEL E 1 Page (2 Parts) Per Week</p> <p>WEEKLY MAP-A PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MONTESSORI MATH (2 Weeks Per Level) 17) Division Facts: 1-9 18) Division: Golden Beads 19) Division: Stamp Game</p> |
| CYCLE 3 | <p>WEEKLY CCSS MATH LESSON (2ND) 12-20 Task Cards</p> <p>SPIRAL MATH LEVEL C 1 Page (2 Parts) Per Week</p> <p>WEEKLY FRECKLE MATH PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MONTESSORI MATH (2 Weeks Per Level) 7) Subtraction: Golden Beads 8) Subtraction: Stamp Game 9) Subtraction: Large Bead Frame</p> | <p>WEEKLY CCSS MATH LESSON (2ND) 12-20 Task Cards</p> <p>SPIRAL MATH LEVEL D 1 Page (2 Parts) Per Week</p> <p>WEEKLY FRECKLE MATH PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MONTESSORI MATH (2 Weeks Per Level) 12) Multiplication: Multiples (1-10) 13) Multiplication: Golden Beads 14) Multiplication: Stamp Game</p> | <p>WEEKLY CCSS MATH LESSON (3RD) 12-20 Task Cards</p> <p>SPIRAL MATH LEVEL D 1 Page (2 Parts) Per Week</p> <p>WEEKLY MAP-A PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MONTESSORI MATH (2 Weeks Per Level) 16) Multiplication: Lattice 17) Division Facts: 1-9 18) Division: Golden Beads</p> | <p>WEEKLY CCSS MATH LESSON (3RD) 12-20 Task Cards</p> <p>SPIRAL MATH LEVEL E 1 Page (2 Parts) Per Week</p> <p>WEEKLY MAP-A PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MONTESSORI MATH (2 Weeks Per Level) 20) Fractions: Identifying, Equivalence, & Reducing 21) Fractions: Adding 22) Fractions: Subtracting</p> |
| ACE TERM | <p>WEEKLY CCSS MATH LESSON (2ND) 12-20 Task Cards</p> <p>SPIRAL MATH LEVEL C 1 Page (2 Parts) Per Week</p> <p>WEEKLY FRECKLE MATH PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MONTESSORI MATH (2 Weeks Per Level) 10) Subtraction: Abstraction 11) Montessori Decanomial</p> | <p>WEEKLY CCSS MATH LESSON (2ND) 12-20 Task Cards</p> <p>SPIRAL MATH LEVEL D 1 Page (2 Parts) Per Week</p> <p>WEEKLY FRECKLE MATH PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MONTESSORI MATH (2 Weeks Per Level) 15) Multiplication: Checkerboard 16) Multiplication: Lattice</p> | <p>WEEKLY CCSS MATH LESSON (3RD) 12-20 Task Cards</p> <p>SPIRAL MATH LEVEL D 1 Page (2 Parts) Per Week</p> <p>WEEKLY MAP-A PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MONTESSORI MATH (2 Weeks Per Level) 19) Division: Stamp Game 20) Fractions: Identifying, Equivalence, & Reducing</p> | <p>WEEKLY CCSS MATH LESSON (3RD) 12-20 Task Cards</p> <p>SPIRAL MATH LEVEL E 1 Page (2 Parts) Per Week</p> <p>WEEKLY MAP-A PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MONTESSORI MATH (2 Weeks Per Level) 23) Fractions: Multiplying 24) Data Analysis: Graphs & Coordinates</p> |

WALDEN GREEN MONTESSORI + MONTESSORI LANGUAGE/READING NOTEBOOK PACING GUIDE

| 2ND GRADE | | 3RD GRADE | |
|--------------------|---|--------------------|--|
| CYCLE | FOCUS (MONTESSORI LANGUAGE + GRAMMAR CABINET) | CYCLE | FOCUS (MONTESSORI LANGUAGE + WORDY STUDY) |
| FIRST 2 WEEKS | LEVEL 2.1 + NOUNS #1 + SET UP READING NOTEBOOK (RN) | FIRST 2 WEEKS | LEVEL 3.1 + CAPITALIZATION/PUNCTUATION (SET A) + SET UP RN |
| 1.1 | LEVEL 2.2 + NOUNS #2 + RN: ASKING QUESTIONS | 1.1 | LEVEL 3.2 + PLURALS (SET A) + RN: ASKING QUESTIONS |
| 1.2 | LEVEL 2.3 + NOUNS #3 + RN: GENRES | 1.2 | LEVEL 3.3 + ABC ORDER (SET A) + RN: GENRES |
| 1.3 | LEVEL 2.4 + ARTICLES #1 + RN: RECOUNTING STORIES | 1.3 | LEVEL 3.4 + ABBREVIATIONS (SET A) + RN: RECOUNTING STORIES |
| 1.4 | LEVEL 2.5 + ARTICLES #2 + RN: MESSAGE (THEME/MORAL) | 1.4 | LEVEL 3.5 + COMPOUND WORDS (SET A) + RN: THEME |
| 1.5 | LEVEL 2.6 + ADJECTIVES #1 + RN: CHARACTER TRAITS | 1.5 | LEVEL 3.6 + SYLLABLES (SET A) + RN: CHARACTER TRAITS |
| 1.6 | LEVEL 2.7 + ADJECTIVES #2 + RN: RHYTHM (POETRY) | 1.6 | LEVEL 3.7 + CONTRACTIONS (SET A) + RN: LITERAL/NON LITERAL |
| 1.7 | LEVEL 2.8 + ADJECTIVES #3 + RN: STORY STRUCTURE | 1.7 | LEVEL 3.8 + SYNONYMS (SET A) + RN: POETRY |
| 1.8 | LEVEL 2.9 + ADJECTIVES #4 + RN: POINT OF VIEW | 1.8 | LEVEL 3.9 + ANTONYMS (SET A) + RN: DRAMA |
| 2.1 | LEVEL 2.10 + VERBS #1 + RN: ILLUSTRATIONS | 2.1 | LEVEL 3.10 + PREFIXES (SET A) + RN: STORIES |
| 2.2 | LEVEL 2.11 + VERBS #2 + RN: COMPARE AND CONTRAST | 2.2 | LEVEL 3.11 + ROOT WORDS (SET B) + RN: POINT OF VIEW |
| 2.3 | LEVEL 2.12 + VERBS #3 + RN: MAKE CONNECTIONS | 2.3 | LEVEL 3.12 + POSSESSIVES (SET B) + RN: ILLUSTRATIONS |
| 2.4 | LEVEL 2.13 + VERBS #4 + RN: VISUALIZATION | 2.4 | LEVEL 3.13 + HOMOPHONES (SET B) + RN: SETTING |
| 2.5 | LEVEL 2.14 + ADVERBS #1 + RN: MAKING INFERENCES | 2.5 | LEVEL 3.14 + SHADES OF MEANING (SET B) + RN: PLOT |
| 2.6 | LEVEL 2.15 + ADVERBS #2 + RN: ASKING QUESTIONS | 2.6 | LEVEL 3.15 + CAPITALIZATION/PUNCTUATION (SET B) + RN: COMPARE |
| 2.7 | LEVEL 2.16 + ADVERBS #3 + RN: MAIN IDEA | 2.7 | LEVEL 3.16 + PLURALS (SET B) + RN: MAKE CONNECTIONS |
| 2.8 | LEVEL 2.17 + ADVERBS #4 + RN: INFORMATIONAL TEXT | 2.8 | LEVEL 3.17 + ABC ORDER (SET B) + RN: VISUALIZATION |
| 3.1 | LEVEL 2.18 + PREPOSITIONS #1 + RN: WORDS AND PHRASES | 3.1 | LEVEL 3.18 + CONTRACTIONS (SET B) + RN: MAKING INFERENCES |
| 3.2 | LEVEL 2.19 + PREPOSITIONS #2 + RN: TEXT FEATURES | 3.2 | LEVEL 3.19 + SYNONYMS (SET B) + RN: ASKING QUESTIONS |
| 3.3 | LEVEL 2.20 + PREPOSITIONS #3 + RN: MAIN PURPOSE | 3.3 | LEVEL 3.20 + ANTONYMS (SET B) + RN: MAIN IDEA |
| 3.4 | LEVEL 2.21 + PRONOUNS #1 + RN: TEXT IMAGES | 3.4 | LEVEL 3.21 + ONLINE TYPING PRACTICE + RN: INFORMATIONAL TEXT |
| 3.5 | LEVEL 2.22 + PRONOUNS #2 + RN: AUTHOR'S POINT | 3.5 | LEVEL 3.22 + ONLINE TYPING PRACTICE + RN: WORDS AND PHRASES |
| 3.6 | LEVEL 2.23 + PRONOUNS #3 + RN: COMPARE AND CONTRAST | 3.6 | LEVEL 3.23 + ONLINE TYPING PRACTICE + RN: TEXT FEATURES |
| 3.7 | LEVEL 2.24 + PRONOUNS #4 + RN: DETERMINING IMPORTANCE | 3.7 | LEVEL 3.24 + ONLINE TYPING PRACTICE + RN: ILLUSTRATIONS |
| 3.8 | LEVEL 2.25 + CONJUNCTIONS #1 + RN: SYNTHESIZING | 3.8 | LEVEL 3.25 + ONLINE TYPING PRACTICE + RN: TEXT STRUCTURES |
| ACE TERM: WEEK 1 | LEVEL 2.26 + CONJUNCTIONS #2 + RN: COMPREHENSION | ACE TERM: WEEK 1 | LEVEL 3.26 + ONLINE TYPING PRACTICE + RN: COMPARE & CONTRAST |
| ACE TERM: WEEK 2 | LEVEL 2.27 + CONJUNCTIONS #4 | ACE TERM: WEEK 2 | LEVEL 3.27 + ONLINE TYPING PRACTICE + RN: DETERMINE IMPORTANCE |
| ACE TERM: WEEK 3 | LEVEL 2.28 + INTERJECTIONS #1 | ACE TERM: WEEK 3 | LEVEL 3.28 + ONLINE TYPING PRACTICE + RN: SYNTHESIZING |
| ACE TERM: WEEK 4 | LEVEL 2.29 + INTERJECTIONS #2 | ACE TERM: WEEK 4 | LEVEL 3.29 + ONLINE TYPING PRACTICE + RN: COMPREHENSION |
| ACE TERM: WEEK 5-6 | LEVEL 2.30 + REVIEW | ACE TERM: WEEK 5-6 | LEVEL 3.30 + ONLINE TYPING PRACTICE |




| | CYCLE 1 | CYCLE 2 | CYCLE 3 | ACE TERM | SUMMER |
|-----------------------|--|--|--|--|------------------------------------|
| READING | LITERATURE NOVEL STUDY WEEKLY NON-FICTION PASSAGES INTERACTIVE READ ALOUD READER'S THEATER 25 BOOK CHALLENGE | LITERATURE NOVEL STUDY WEEKLY NON-FICTION PASSAGES INTERACTIVE READ ALOUD READER'S THEATER 25 BOOK CHALLENGE | LITERATURE NOVEL STUDY WEEKLY NON-FICTION PASSAGES INTERACTIVE READ ALOUD READER'S THEATER 25 BOOK CHALLENGE | LITERATURE NOVEL STUDY WEEKLY NON-FICTION PASSAGES INTERACTIVE READ ALOUD READER'S THEATER 25 BOOK CHALLENGE | DAILY READING: AT LEAST 15 MINUTES |
| LANGUAGE | MONTESSORI PARTS OF SPEECH MONTESSORI SENTENCE ANALYSIS LANGUAGE GAMES | MONTESSORI PARTS OF SPEECH MONTESSORI SENTENCE ANALYSIS LANGUAGE GAMES | MONTESSORI PARTS OF SPEECH MONTESSORI SENTENCE ANALYSIS LANGUAGE GAMES | MONTESSORI PARTS OF SPEECH MONTESSORI SENTENCE ANALYSIS LANGUAGE GAMES | X |
| WRITING | EXPLANATORY WRITING NARRATIVE WRITING WEEKLY JOURNAL WRITING | PERSUASIVE WRITING NARRATIVE WRITING WEEKLY JOURNAL WRITING | INFORMATIVE WRITING NARRATIVE WRITING WEEKLY JOURNAL WRITING | ARGUMENTATIVE WRITING POETRY WRITING WEEKLY JOURNAL WRITING | JOURNAL WRITING |
| MATH | MONTESSORI MATH CURRICULUM WEEKLY CCSS MATH LESSON SPIRAL MATH LEVELS MAP ACCELERATOR (ONLINE) | MONTESSORI MATH CURRICULUM WEEKLY CCSS MATH LESSON SPIRAL MATH LEVELS MAP ACCELERATOR (ONLINE) | MONTESSORI MATH CURRICULUM WEEKLY CCSS MATH LESSON SPIRAL MATH LEVELS MAP ACCELERATOR (ONLINE) | MONTESSORI MATH CURRICULUM WEEKLY CCSS MATH LESSON SPIRAL MATH LEVELS MAP ACCELERATOR (ONLINE) | MAP ACCELERATOR (ONLINE) |
| SCIENCE | MYSTERY SCIENCE UNIT YEAR A/B: BIRTH OF ROCKS SPACESHIP EARTH | MYSTERY SCIENCE UNIT YEAR A/B: ENERGIZING EVERYTHING WEB OF LIFE | MYSTERY SCIENCE UNIT YEAR A/B: HUMAN MACHINE CHEMICAL MAGIC | MYSTERY SCIENCE UNIT YEAR A/B: WAVES OF SOUND WATERY PLANET | X |
| SOCIAL STUDIES | BIOMES OF THE WORLD US HISTORY (PART 1) | USA GEOGRAPHY US HISTORY (PART 2) | ECONOMICS + MARKET DAY US GOVERNMENT | BOTANY + ZOOLOGY ECONOMICS | X |
| HOMEWORK | MONTHLY READING LOG BOOK OF THE MONTH PRODIGY OR FRECKLE MATH (OPTIONAL) | MONTHLY READING LOG BOOK OF THE MONTH PRODIGY OR FRECKLE MATH (OPTIONAL) | MONTHLY READING LOG BOOK OF THE MONTH PRODIGY OR FRECKLE MATH (OPTIONAL) | MONTHLY READING LOG BOOK OF THE MONTH PRODIGY OR FRECKLE MATH (OPTIONAL) | X |

WALDEN GREEN MONTESSORI + MATH PACING GUIDE

| 4TH GRADE | | 5TH GRADE | |
|--------------------|---|--------------------|---|
| CYCLE | FOCUS (+ MONTESSORI LEVEL, MAP-A, WEEKLY SPIRAL, FACT PRACTICE) | CYCLE | FOCUS (+ MONTESSORI LEVEL, MAP-A, WEEKLY SPIRAL, FACT PRACTICE) |
| FIRST 2 WEEKS | <i>USING SPIRAL DATA, PLACE STUDENTS IN 4 MONTESSORI MATH GROUPS STUDENTS WORK ON EACH LEVEL FOR 2 WEEKS BEFORE ADVANCING</i> | FIRST 2 WEEKS | <i>USING SPIRAL DATA, PLACE STUDENTS IN 4 MONTESSORI MATH GROUPS STUDENTS WORK ON EACH LEVEL FOR 2 WEEKS BEFORE ADVANCING</i> |
| | 4.NBT.1 - PLACE VALUE | | 5.NBT.1 - PLACE VALUE |
| 1.1 | 4.NBT.2 - READING, WRITING, AND COMPARING NUMBERS | 1.1 | 5.NBT.2 - MULTIPLYING AND DIVIDING BY POWERS OF 10 |
| 1.2 | 4.NBT.3 - ROUNDING | 1.2 | 5.NBT.3 - READ, WRITE AND COMPARE DECIMALS |
| 1.3 | 4.NBT.4 - ADDING AND SUBTRACTING WHOLE NUMBERS | 1.3 | 5.NBT.4 - ROUNDING DECIMALS |
| 1.4 | 4.NBT.5 - MULTIPLYING WHOLE NUMBERS | 1.4 | 5.NBT.5 - MULTIPLYING WHOLE NUMBERS |
| 1.5 | 4.NBT.6 - DIVIDING WHOLE NUMBERS | 1.5 | 5.NBT.6 - DIVIDING WHOLE NUMBERS |
| 1.6 | REVIEW AND TEST OF NBT DOMAIN | 1.6 | 5.NBT.7 - ADD, SUBTRACT, MULTIPLY & DIVIDE DECIMALS |
| 1.7 | 4.OA.1 - MULTIPLICATIVE COMPARISONS | 1.7 | REVIEW AND TEST OF NBT DOMAIN |
| 1.8 | 4.OA.2 - MULTIPLICATIVE COMPARISONS WORD PROBLEMS | 1.8 | 5.OA.1 - ORDER OF OPERATIONS |
| 2.1 | 4.OA.3 - MULTI-STEP WORD PROBLEMS | 2.1 | 5.OA.2 - NUMERICAL EXPRESSIONS |
| 2.2 | 4.OA.4 - FACTORS & MULTIPLES | 2.2 | 5.OA.3 - NUMERICAL PATTERNS, ORDERED PAIRS & GRAPHING |
| 2.3 | 4.OA.5 - IDENTIFYING PATTERNS | 2.3 | REVIEW AND TEST OF OA DOMAIN |
| 2.4 | REVIEW AND TEST OF OA DOMAIN | 2.4 | 5.NF.1 - ADDING AND SUBTRACTING FRACTIONS |
| 2.5 | 4.NF.1 - EQUIVALENT FRACTIONS | 2.5 | 5.NF.2 - ADDING & SUBTRACTING FRACTIONS WORD PROBLEMS |
| 2.6 | 4.NF.2 - COMPARING FRACTIONS | 2.6 | 5.NF.3 - FRACTIONS AS DIVISION |
| 2.7 | 4.NF.3 - ADDING AND SUBTRACTING FRACTIONS | 2.7 | 5.NF.4 - MULTIPLYING FRACTIONS |
| 2.8 | 4.NF.4 - MULTIPLYING FRACTIONS | 2.8 | 5.NF.5 - MULTIPLICATION AS SCALING |
| 3.1 | 4.NF.5 - ADDING FRACTIONS | 3.1 | 5.NF.6 - FRACTION WORD PROBLEMS |
| 3.2 | 4.NF.6 - FRACTIONS AND DECIMALS | 3.2 | 5.NF.7 - DIVIDING FRACTIONS |
| 3.3 | 4.NF.7 - COMPARING DECIMALS | 3.3 | REVIEW AND TEST OF NF DOMAIN |
| 3.4 | REVIEW AND TEST OF NF DOMAIN | 3.4 | 5.MD.1 - MEASUREMENT CONVERSIONS |
| 3.5 | 4.MD.1 - UNITS OF MEASURE | 3.5 | 5.MD.2 - LINE PLOTS |
| 3.6 | 4.MD.2 - MEASUREMENT WORD PROBLEMS | 3.6 | 5.MD.3/4 - VOLUME |
| 3.7 | 4.MD.3 - AREA & PERIMETER + 4.MD.4 - LINE PLOTS | 3.7 | 5.MD.5 - VOLUME WORD PROBLEMS |
| 3.8 | 4.MD.5 - RECOGNIZING ANGLES | 3.8 | REVIEW AND TEST OF MEASUREMENT AND DATA DOMAIN |
| ACE TERM: WEEK 1 | 4.MD.6 - MEASURING ANGLES + 4.MD.7 - ADDING ANGLES | ACE TERM: WEEK 1 | 5.G.1 - COORDINATE GRAPHING |
| ACE TERM: WEEK 2 | REVIEW AND TEST OF MEASUREMENT AND DATA DOMAIN | ACE TERM: WEEK 2 | 5.G.2 - GRAPHING REAL-WORLD PROBLEMS |
| ACE TERM: WEEK 3 | 4.G.1 - ANGLES & LINES + 4.G.2 - CLASSIFYING 2D SHAPES | ACE TERM: WEEK 3 | 5.G.3 - IDENTIFY & CLASSIFY SHAPES |
| ACE TERM: WEEK 4 | 4.G.3 - LINES OF SYMMETRY | ACE TERM: WEEK 4 | 5.G.4 - CLASSIFYING TWO-DIMENSIONAL SHAPES |
| ACE TERM: WEEK 5-6 | REVIEW AND TEST OF GEOMETRY DOMAIN | ACE TERM: WEEK 5-6 | REVIEW AND TEST OF GEOMETRY DOMAIN |

WGM MATH INSTRUCTION + PACING GUIDE (4TH/5TH)

|  | LOWER 4TH | HIGHER 4TH | LOWER 5TH | HIGHER 5TH |
|---|--|--|--|---|
| CYCLE 1 | <p>WEEKLY CCSS MATH LESSON (4TH) 12-20 Task Cards</p> <p>WEEKLY MAP-A PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MONTESSORI MATH (2 Weeks Per Level) 11) Montessori Decanomial 12) Multiplication: Multiples (1-10) 14) Multiplication: Stamp Game</p> | <p>WEEKLY CCSS MATH LESSON (4TH) 5 Task Cards (Column 1)</p> <p>WEEKLY MAP-A PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MATH MINUTES PAGE (2 Levels Per Week) #1 - #12</p> <p>MONTESSORI MATH (2 Weeks Per Level) 16) Multiplication: Lattice 17) Division Facts: 1-9 18) Division: Golden Beads</p> | <p>WEEKLY CCSS MATH LESSON (5TH) 12-20 Task Cards</p> <p>WEEKLY MAP-A PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MATH MINUTES PAGE (2 Levels Per Week) #1 - #12</p> <p>MONTESSORI MATH (2 Weeks Per Level) 22) Fractions: Subtracting 23) Fractions: Multiplying 24) Data Analysis: Graphs & Coordinates</p> | <p>WEEKLY CCSS MATH LESSON (5TH) 5 Task Cards (Column 1)</p> <p>WEEKLY MAP-A PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MATH MINUTES PAGE (2 Levels Per Week) #51 - #62</p> <p>MONTESSORI MATH (2 Weeks Per Level) 31) Decimals: Identifying, Adding, Subtracting, Multiplying 32) Fractions: Reducing, Equivalency, Mixed Numbers, Improper</p> |
| CYCLE 2 | <p>WEEKLY CCSS MATH LESSON (4TH) 12-20 Task Cards</p> <p>WEEKLY MAP-A PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MONTESSORI MATH (2 Weeks Per Level) 15) Multiplication: Checkerboard 16) Multiplication: Lattice 17) Division Facts: 1-9</p> | <p>WEEKLY CCSS MATH LESSON (4TH) 5 Task Cards (Column 1)</p> <p>WEEKLY MAP-A PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MATH MINUTES PAGE (2 Levels Per Week) #13 - #24</p> <p>MONTESSORI MATH (2 Weeks Per Level) 19) Division: Stamp Game 20) Fractions: Identifying, Equivalence, & Reducing 21) Fractions: Adding</p> | <p>WEEKLY CCSS MATH LESSON (5TH) 12-20 Task Cards</p> <p>WEEKLY MAP-A PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MATH MINUTES PAGE (2 Levels Per Week) #13 - #24</p> <p>MONTESSORI MATH (2 Weeks Per Level) 25) Data Analysis: Survey 26) Long Division: Abstraction 27) Long Division: Abstraction</p> | <p>WEEKLY CCSS MATH LESSON (5TH) 5 Task Cards (Column 1)</p> <p>WEEKLY MAP-A PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MATH MINUTES PAGE (2 Levels Per Week) #53 - #74</p> <p>MONTESSORI MATH (2 Weeks Per Level) 33) Fractions: Adding/Subtracting 34) Fractions: Multiplying/Dividing 35) Mentor/Help Others: Montessori Math</p> |
| CYCLE 3 | <p>WEEKLY CCSS MATH LESSON (4TH) 12-20 Task Cards</p> <p>WEEKLY MAP-A PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MONTESSORI MATH (2 Weeks Per Level) 18) Division: Golden Beads 19) Division: Stamp Game 20) Fractions: Identifying, Equivalence, & Reducing</p> | <p>WEEKLY CCSS MATH LESSON (4TH) 5 Task Cards (Column 1)</p> <p>WEEKLY MAP-A PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MATH MINUTES PAGE (2 Levels Per Week) #25 - #36</p> <p>MONTESSORI MATH (2 Weeks Per Level) 22) Fractions: Subtracting 23) Fractions: Multiplying 24) Data Analysis: Graphs & Coordinates</p> | <p>WEEKLY CCSS MATH LESSON (5TH) 12-20 Task Cards</p> <p>WEEKLY MAP-A PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MATH MINUTES PAGE (2 Levels Per Week) #25 - #36</p> <p>MONTESSORI MATH (2 Weeks Per Level) 28) Measurement: Length, Width, Perimeter and Area 29) Measurement: Volume 30) Measurement: Capacity and Weight</p> | <p>WEEKLY CCSS MATH LESSON (5TH) 5 Task Cards (Column 1)</p> <p>WEEKLY MAP-A PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MATH MINUTES PAGE (2 Levels Per Week) #75 - #86</p> <p>MONTESSORI MATH 35) Mentor/Help Others: Montessori Math</p> |
| ACE TERM | <p>WEEKLY CCSS MATH LESSON (4TH) 12-20 Task Cards</p> <p>WEEKLY MAP-A PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MONTESSORI MATH (2 Weeks Per Level) 21) Fractions: Adding 22) Fractions: Subtracting</p> | <p>WEEKLY CCSS MATH LESSON (4TH) 5 Task Cards (Column 1)</p> <p>WEEKLY MAP-A PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MATH MINUTES PAGE (2 Levels Per Week) #37 - #48</p> <p>MONTESSORI MATH (2 Weeks Per Level) 25) Data Analysis: Survey 26) Long Division: Abstraction</p> | <p>WEEKLY CCSS MATH LESSON (5TH) 12-20 Task Cards</p> <p>WEEKLY MAP-A PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MATH MINUTES PAGE (2 Levels Per Week) #37 - #48</p> <p>MONTESSORI MATH (2 Weeks Per Level) 31) Decimals: Identifying, Adding, Subtracting, Multiplying 32) Fractions: Reducing, Equivalency, Mixed Numbers, Improper</p> | <p>WEEKLY CCSS MATH LESSON (5TH) 5 Task Cards (Column 1)</p> <p>WEEKLY MAP-A PRACTICE 30-60 Minutes (align with CCSS Unit/Domain)</p> <p>MATH MINUTES PAGE (2 Levels Per Week) #87 - #98</p> <p>MONTESSORI MATH 35) Mentor/Help Others: Montessori Math</p> |

MATH MINUTES (4TH/5TH)

SCOPE AND SEQUENCE



| <i>SKILL</i> | <i>SKILL FIRST APPEARS</i> |
|---|-----------------------------------|
| Measurement | 1 |
| Number Comparison | 1 |
| Number Sense | 1 |
| One-step Algebra | 1 |
| Patterns | 1 |
| Problem Solving/Real-life Problems | 1 |
| Whole Numbers (add, subtract, multiply, and divide) | 1 |
| Order of Operations | 2 |
| Vocabulary/Communication | 2 |
| Algebraic Substitution | 4 |
| Exponents | 6 |
| Fractions (numerator, denominator, multiply) | 7 |
| Decimals (add, subtract, compare) | 17 |
| Ordering Decimals | 18 |
| Estimating Whole Numbers and Decimals | 20 |
| Rounding Decimals | 20 |
| Rounding Whole Numbers | 20 |
| Multiplying by 10 and Powers of 10 | 24 |
| Scientific Notation | 24 |
| Absolute Value | 26 |
| Central Tendency (mean, median, mode, range) | 27 |
| Bar Notation | 29 |
| Probability | 31 |
| Square Roots | 34 |
| Geometric Shapes | 35 |
| Rules of Divisibility | 36 |
| Parallel/Perpendicular | 38 |
| Primes/Composites | 43 |
| Factors | 44 |
| Percents | 47 |
| Multiples | 51 |
| Ratios | 53 |
| Area (squares, rectangles, triangles) | 66 |
| Arithmetic/Geometric Sequences | 66 |
| Fractions (add, subtract, mixed, reciprocals) | 66 |
| Perimeter | 66 |
| Circles (diameter, radius) | 67 |
| Integers | 68 |
| Geometry (degrees, symmetry, coordinate graphs, angles) | 75 |
| Volume of Boxes | 82 |



CYCLE 1

CYCLE 2

CYCLE 3

ACE TERM

SUMMER

LITERACY

LITERATURE NOVEL STUDY
WEEKLY SPIRAL LANGUAGE LEVELS
FRECKLE + READWORKS (ONLINE)
20 BOOK CHALLENGE

LITERATURE NOVEL STUDY
WEEKLY SPIRAL LANGUAGE LEVELS
FRECKLE + READWORKS (ONLINE)
20 BOOK CHALLENGE

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WEEKLY SPIRAL LANGUAGE LEVELS
FRECKLE + READWORKS (ONLINE)
20 BOOK CHALLENGE

LITERATURE NOVEL STUDY
WEEKLY SPIRAL LANGUAGE LEVELS
FRECKLE + READWORKS (ONLINE)
20 BOOK CHALLENGE

DAILY READING: AT LEAST 15 MINUTES

WRITING

INFORMATIVE WRITING
NARRATIVE WRITING
POETRY WRITING

PERSUASIVE WRITING
NARRATIVE WRITING
POETRY WRITING

ARGUMENTATIVE WRITING
NARRATIVE WRITING
POETRY WRITING

JOURNAL WRITING
POETRY WRITING

JOURNAL WRITING

MATH

WEEKLY BIG IDEAS MATH LESSONS
MAP ACCELERATOR (ONLINE)
DAILY MATH QUIZ (ONLINE)

WEEKLY BIG IDEAS MATH LESSONS
MAP ACCELERATOR (ONLINE)
DAILY MATH QUIZ (ONLINE)

WEEKLY BIG IDEAS MATH LESSONS
MAP ACCELERATOR (ONLINE)
DAILY MATH QUIZ (ONLINE)

WEEKLY BIG IDEAS MATH LESSONS
MAP ACCELERATOR (ONLINE)
DAILY MATH QUIZ (ONLINE)

MAP ACCELERATOR (ONLINE)

SCIENCE

FOSS NGSS STEM UNIT
(YEAR A, B, C)

FOSS NGSS STEM UNIT
(YEAR A, B, C)

FOSS NGSS STEM UNIT
(YEAR A, B, C)

FOSS NGSS STEM UNIT
(YEAR A, B, C)

X

SOCIAL STUDIES

THE WORLD IN SPATIAL TERMS
PHYSICAL SYSTEMS
HUMAN SYSTEMS
ENVIRONMENT AND SOCIETY
STUDY OF GEOGRAPHY

PLACES AND REGIONS
EARLY CIVILIZATIONS
RELATIONSHIP OF US TO OTHER NATIONS
IDENTIFYING/ANALYZING PUBLIC ISSUES
IMPACT OF GUNS, GERMS, STEEL

GLOBAL ISSUES
PURPOSE OF GOVERNMENT
STRUCTURE/FUNCTION OF GOVERNMENT
ECONOMIES
CIVIC PARTICIPATION

FINALIZE
IMAGINARY ISLAND PROJECT

X

HEROIC JOURNEY

HEROIC JOURNEY INTRODUCTION
THE LIVING WAX MUSEUM PROJECT
FOOD WISDOM + NUTRITION LOG (1)

WORLD RELIGIONS (ROUND 1)
THE 5 LOVE LANGUAGES FOR KIDS
JOB-SHADOWING (ROUND 1)

THE FAMILY INTERVIEW + AUTOBIOGRAPHY POEM
CARE CORNER: DISABILITIES/FOOD ALLERGIES/CPR
SHIELD OF PROTECTION + LETTER TO FUTURE SELF

X

HOMEWORK

UNFINISHED WEEKLY GOALS
HEROIC JOURNEY ACTIVITIES (PERIODIC)

UNFINISHED WEEKLY GOALS
HEROIC JOURNEY ACTIVITIES (PERIODIC)

UNFINISHED WEEKLY GOALS
HEROIC JOURNEY ACTIVITIES (PERIODIC)

UNFINISHED WEEKLY GOALS
HEROIC JOURNEY ACTIVITIES (PERIODIC)

X



CYCLE 1

CYCLE 2

CYCLE 3

ACE TERM

SUMMER

LITERACY

LITERATURE NOVEL STUDY
WEEKLY CCSS SPIRAL ELA SKILLS
READWORKS (ONLINE)
20 BOOK CHALLENGE

LITERATURE NOVEL STUDY
WEEKLY CCSS SPIRAL ELA SKILLS
READWORKS (ONLINE)
20 BOOK CHALLENGE

LITERATURE NOVEL STUDY
WEEKLY CCSS SPIRAL ELA SKILLS
READWORKS (ONLINE)
20 BOOK CHALLENGE
PSAT PRACTICE

LITERATURE NOVEL STUDY
WEEKLY CCSS SPIRAL ELA SKILLS
READWORKS (ONLINE)
20 BOOK CHALLENGE
PSAT PRACTICE

DAILY READING: AT LEAST 15 MINUTES
HOME READING PACKET/ACTIVITIES

WRITING

LITERARY ANALYSIS, NARRATIVE WRITING, PERSUASIVE WRITING, QUICK WRITES, POETRY

JOURNAL WRITING

MATH

WEEKLY BIG IDEAS MATH LESSONS
MAP ACCELERATOR (ONLINE)

WEEKLY BIG IDEAS MATH LESSONS
MAP ACCELERATOR (ONLINE)

WEEKLY BIG IDEAS MATH LESSONS
MAP ACCELERATOR (ONLINE)

WEEKLY BIG IDEAS MATH LESSONS
MAP ACCELERATOR (ONLINE)

MAP ACCELERATOR (ONLINE)

SCIENCE

FOSS NGSS STEM UNIT
(YEAR A, B, C)

FOSS NGSS STEM UNIT
(YEAR A, B, C)

FOSS NGSS STEM UNIT
(YEAR A, B, C)

FOSS NGSS STEM UNIT
(YEAR A, B, C)
+ AMUSEMENT PARK PHYSICS
(MICHIGAN'S ADVENTURE)

X

SOCIAL STUDIES

WORLD HISTORY (YEAR A)
US HISTORY (YEAR B)
CURRENT EVENTS + DEBATE

WORLD HISTORY (YEAR A)
US HISTORY (YEAR B)
CURRENT EVENTS + DEBATE

WORLD HISTORY (YEAR A)
US HISTORY (YEAR B)
CURRENT EVENTS + DEBATE

WORLD HISTORY (YEAR A)
US HISTORY (YEAR B)
CURRENT EVENTS + DEBATE

X

HEROIC JOURNEY

THE 7 HABITS OF HIGHLY EFFECTIVE TEENS
THE FAMILY TREE PROJECT
FOOD WISDOM + NUTRITION LOG (2)

SERVICE LEARNING PROJECT
DRUG AND ALCOHOL PREVENTION
FOOD WISDOM + NUTRITION LOG (ROUND 3)

WORLD RELIGIONS (ROUND 2)
CAREER PLANNING PROJECT
JOB-SHADOWING (ROUND 2)

WORLD RELIGIONS (ROUND 3)
THE 5 LOVE LANGUAGES FOR TEENS
HIGH SCHOOL PLAN + "TOUR DAY"

THE HAPPINESS PRECEPTS, HIV + AIDS OVERVIEW
THE INITIATION CHALLENGES, REPRODUCTIVE HEALTH (ROUND 1)

THE PERSONAL CHALLENGE, PLAN YEAR-END TRIP + CAPSTONE ON COAST
PLANNING 8TH GRADE GRADUATION, REPRODUCTIVE HEALTH (ROUND 2)

X

HOMEWORK

UNFINISHED CLASSROOM ASSIGNMENTS
FOR MATH, ELA, SCIENCE, SS
HEROIC JOURNEY ACTIVITIES (PERIODIC)

UNFINISHED CLASSROOM ASSIGNMENTS
FOR MATH, ELA, SCIENCE, SS
HEROIC JOURNEY ACTIVITIES (PERIODIC)

UNFINISHED CLASSROOM ASSIGNMENTS
FOR MATH, ELA, SCIENCE, SS
HEROIC JOURNEY ACTIVITIES (PERIODIC)

UNFINISHED CLASSROOM ASSIGNMENTS
FOR MATH, ELA, SCIENCE, SS
HEROIC JOURNEY ACTIVITIES (PERIODIC)

X



| Kindergarten - 3rd Grade | | English Language Arts Curriculum + Materials/Resources | |
|---|--|--|---|
| Reading | Writing | Language | Speaking & Listening |
| <p>Hegerty Phonemic Awareness <i>short vowel sounds, consonant blends, and phonetic combinations</i></p> <p>Montessori Waseca Reading Program <i>systematic and sequential presentation of the phonetic elements</i></p> <p>UFLI Reading Foundations <i>explicit, systematic process of teaching reading, writing, and spelling</i></p> <p>Guided Reading Groups <i>using data for small group instruction, building fluent and skilled readers</i></p> <p>Interactive Read-Aloud (Making Meaning) <i>method of reading a book aloud with modeling key components of reading</i></p> <p>Primary Phonics <i>systematic, phonics-based early reading program developing essential literacy skills</i></p> <p>Freckle Education <i>online differentiated reading passages</i></p> | <p>4 Square Writing Units <i>scaffolding graphic organizer used to develop complete paragraphs for various text types and purposes</i></p> <p>SRSD Writing <i>complete, standards-aligned writing programs</i></p> <p>Journal Writing <i>relaxed format that provides a non-threatening way to be able to explore different thoughts, ideas and topics</i></p> <p>Poetry <i>lessons, activities, units</i></p> <p>Handwriting Practice <i>multi-sensory, developmentally appropriate strategies to increase success with early writing skills</i></p> | <p>Montessori Parts of Speech <i>hands-on material for the nine parts of speech (functions of words)</i></p> <p>Montessori Sentence Analysis <i>hands-on material for diagramming simple sentences</i></p> <p>Montessori Word Study <i>hands-on material for studying the English language and developing vocabulary</i></p> <p>Spiral Language Levels <i>incremental instruction and daily practice for mastery-based learning</i></p> <p>Freckle Education <i>online differentiated word study tool</i></p> | <p>Montessori Grace and Courtesy Lessons <i>role-play for how to participate in the learning environment</i></p> <p>Montessori Peace Education Initiatives <i>problem-solving, empathy, cooperative learning, conflict-resolution skills</i></p> <p>Author's Chair + Reader's Theater <i>sharing student writing or stories with intonation and prosody</i></p> <p>Project Presentations <i>cross-curricular, multi-media presentations implanting public speaking and listening skills</i></p> |



| 4th - 5th Grade | | English Language Arts Curriculum + Materials/Resources | |
|--|--|--|---|
| Reading | Writing | Language | Speaking & Listening |
| <p>Literature Novels + Study Guides <i>discuss a piece of literature in depth with a focus on key ideas/details, craft/structure, vocabulary, and text complexity</i></p> <p>Interactive Read-Aloud <i>method of reading a book aloud with modeling key components of reading</i></p> <p>PQ3R + Partner Reading <i>study strategy for non-fiction texts and developing oral reading fluency</i></p> <p>Newsela/ReadWorks <i>online differentiated reading passages</i></p> | <p>SRSD + Mystery Writing <i>complete, standards-aligned writing programs</i></p> <p>5 Box Writing Graphic Organizer/Units <i>scaffolding graphic organizer used to develop complete paragraphs for various text types and purposes</i></p> <p>Journal Writing <i>relaxed format that provides a non-threatening way to be able to explore different thoughts, ideas and topics</i></p> <p>Poetry <i>lessons, activities, units</i></p> <p>Handwriting Practice <i>weekly practice to improve penmanship</i></p> <p>Writing Across the Content Areas <i>written responses for science, social studies, history, and math</i></p> | <p>Montessori Parts of Speech <i>hands-on material for the nine parts of speech (functions of words)</i></p> <p>Montessori Sentence Analysis <i>hands-on material for diagramming simple sentences</i></p> <p>Freckle Education (as needed) <i>online differentiated word study tool</i></p> <p>Spellography <i>explicit spelling instruction on concepts that help students understand English spelling and improve reading and writing</i></p> | <p>Montessori Grace and Courtesy Lessons <i>role-play for how to participate in the learning environment</i></p> <p>Montessori Peace Education Initiatives <i>problem-solving, empathy, cooperative learning, conflict-resolution skills</i></p> <p>Author's Chair + Reader's Theater <i>sharing student writing or stories with intonation and prosody</i></p> <p>Project Presentations <i>cross-curricular, multi-media presentations implanting public speaking and listening skills</i></p> |

| 6th - 8th Grade | | English Language Arts Curriculum + Materials/Resources | |
|---|---|---|---|
| Reading | Writing | Language | Speaking & Listening |
| <p>Literature Novels + Study Guides <i>discuss a piece of literature in depth with a focus on key ideas/details, craft/structure, vocabulary, and text complexity</i></p> <p>PQ3R Reading <i>study strategy for non-fiction texts and developing oral reading fluency</i></p> <p>ReadWorks <i>online differentiated reading passages</i></p> <p>Reading Buddies + Mentoring <i>pairing older and younger students together to read aloud to each other, benefiting both students' skills.</i></p> | <p>5 Box Writing Graphic Organizer Units <i>scaffolding graphic organizer used to develop complete paragraphs for various text types and purposes</i></p> <p>Journal Writing <i>relaxed format that provides a non-threatening way to be able to explore different thoughts, ideas and topics</i></p> <p>Poetry <i>lessons, activities, units</i></p> <p>Writing Across the Content Areas <i>written responses for science, social studies, history, and math</i></p> | <p>Spiral Language Levels <i>incremental instruction and daily practice for mastery-based learning</i></p> <p>Greek & Latin Practice <i>students analyze multisyllabic words and identify Greek & Latin roots</i></p> <p>Language Presentations <i>grammar, word study, figures of speech, analogies, and vocabulary</i></p> | <p>Montessori Grace and Courtesy Lessons <i>role-play for how to participate in the learning environment</i></p> <p>Montessori Peace Education Initiatives <i>problem-solving, empathy, cooperative learning, conflict-resolution skills</i></p> <p>Author's Chair + Reader's Theater <i>sharing student writing or stories with intonation and prosody</i></p> <p>Project Presentations <i>cross-curricular, multi-media presentations implanting public speaking and listening skills</i></p> |



| K - 8th Grade | | Mathematics Curriculum + Materials/Resources | |
|---|--|---|---|
| K - 1st Grade | 2nd - 3rd Grade | 4th - 5th Grade | 6th - 8th Grade |
| <p>Montessori Math Sequence <i>presentations and follow-up works with auto-didactic, hands-on materials for mastery-based learning</i></p> <p>Daily Math Warm-Up (CCSS) <i>incremental instruction and weekly practice for mastery-based learning</i></p> <p>Freckle Math <i>online differentiated math levels for individual student growth</i></p> <p>Fact Practice + Xtra Math <i>students master addition, subtraction, multiplication, and division facts</i></p> <p>Beatles Math Songs <i>math facts, prime/composite numbers, area/perimeter/volume, angles, etc.</i></p> | <p>Montessori Math Sequence <i>presentations and follow-up works with auto-didactic, hands-on materials for mastery-based learning</i></p> <p>Common Core Math Units <i>Weekly math lessons on a single Common Core math standard. Units include "I can" statements, follow-up work with manipulatives, task cards, and a formative assessment. All grade-level standards are covered.</i></p> <p>Spiral Math Levels <i>incremental instruction and weekly practice for mastery-based learning</i></p> <p>Fact Practice + Xtra Math <i>students master addition, subtraction, multiplication, and division facts</i></p> <p>Freckle Math or MAP Accelerator <i>online differentiated math levels for individual student growth</i></p> <p>Beatles Math Songs <i>math facts, prime/composite numbers, area/perimeter/volume, angles, etc.</i></p> | <p>Common Core Math Units <i>Weekly math lessons on a single Common Core math standard. Units include "I can" statements, follow-up work with manipulatives, task cards, and a formative assessment. All grade-level standards are covered.</i></p> <p>MAP Accelerator <i>online differentiated math levels for individual student growth</i></p> <p>Montessori Math Materials <i>hands-on experiences for mastery-based learning</i></p> <p>Spiral Math Levels <i>incremental instruction and weekly practice for mastery-based learning</i></p> <p>Fact Practice + Xtra Math <i>students master addition, subtraction, multiplication, and division facts</i></p> <p>Beatles Math Songs <i>math facts, prime/composite numbers, area/perimeter/volume, angles, etc.</i></p> | <p>"Big Ideas" Math Curriculum <i>Common Big Ideas Math programs use a Universal Design for Learning to create a fun and innovative program that uses hands-on activities and scaffolded instruction. This allows for balanced lessons with built-in Learning targets and success criteria help to focus student learning and make learning visible to teachers and students. Explorations help students develop a growth mindset by engaging them in productive struggle, leading to conceptual understanding. With a strong emphasis on problem solving in the classroom, students can transfer their mathematical knowledge to new concepts and apply their understanding to real-life situations.</i></p> <p>MAP Accelerator <i>online differentiated math levels for individual student growth</i></p> <p>Algebra I Course <i>online course for advanced 8th graders, participating students receive high school credit</i></p> |



| K - 8th Grade | | Science Curriculum + Materials/Resources | |
|--|--|---|--|
| K - 1st Grade | 2nd - 3rd Grade | 4th - 5th Grade | 6th - 8th Grade |
| <p>Mystery Science Units</p> <p>FORCE OLYMPICS</p> <p>SPINNING SKY</p> <p>WEATHER WATCHING</p> <p>LIGHT AND SOUNDS</p> <p>PLANT AND ANIMAL SECRETS</p> <p>PLANT AND ANIMAL SUPERPOWERS</p> | <p>Mystery Science Units</p> <p>PLANT ADVENTURES</p> <p>FATES OF TRAITS</p> <p>WORK OF WATER</p> <p>CIRCLE OF LIFE</p> <p>MATERIAL MAGIC</p> <p>STORMY SKIES</p> <p>ANIMAL ADVENTURE</p> <p>ANIMALS THROUGH TIME</p> | <p>Mystery Science Units</p> <p>BIRTH OF ROCKS</p> <p>SPACESHIP EARTH</p> <p>ENERGIZING EVERYTHING</p> <p>WEB OF LIFE</p> <p>HUMAN MACHINE</p> <p>CHEMICAL MAGIC</p> <p>WAVES OF SOUND</p> <p>WATERY PLANET</p> | <p>FOSS Science Units/Kits</p> <p>WEATHER AND WATER</p> <p>DIVERSITY OF LIFE</p> <p>HUMAN SYSTEMS INTERACTIONS</p> <p>CHEMICAL INTERACTIONS</p> <p>POPULATIONS AND ECOSYSTEMS</p> <p>ELECTROMAGNETIC FORCE</p> <p>GRAVITY AND KINETIC ENERGY</p> <p>WAVES</p> <p>PLANETARY SCIENCE</p> |



| K - 8th Grade | | Social Studies Curriculum + Materials/Resources | |
|--|---|--|--|
| K - 1st Grade | 2nd - 3rd Grade | 4th - 5th Grade | 6th - 8th Grade |
| <p>Montessori Cosmic Education <i>"Great Lessons" give a big picture perspective to mentally organize new information and stress the interconnections between all things</i></p> <p>Montessori Fundamental Needs <i>shelter, food, clothing, transportation, defense (safety, protection), communication, love, spirituality/religion, culture/arts/music</i></p> <p>Montessori Geography Material <i>map-making, continents, countries</i></p> <p>Holidays <i>identify the events or people celebrated and why we honor them</i></p> <p>Read-Alouds + Non-Fiction Texts <i>integrate history, environment, society, citizenship, government, economics</i></p> | <p>Montessori Cosmic Education <i>"Great Lessons" give a big picture perspective to mentally organize new information and stress the interconnections between all things</i></p> <p>Montessori Fundamental Needs <i>shelter, food, clothing, transportation, defense (safety, protection), communication, love, spirituality/religion, culture/arts/music</i></p> <p>Montessori Geography Material <i>map-making, 50 states, regions</i></p> <p>Project-Based Learning <i>Native Americans, cultures, colonial America, national symbols, citizenship, economics, immigration, Michigan history, public issues</i></p> <p>Read-Alouds + Non-Fiction Texts <i>integrate history, environment, society, citizenship, government, economics</i></p> | <p>Montessori Cosmic Education <i>"Great Lessons" give a big picture perspective to mentally organize new information and stress the interconnections between all things</i></p> <p>Project-Based Learning <i>biomes of the world, US geography, economics, US history, government, Michigan history, financial skills/literacy</i></p> <p>Read-Alouds + Non-Fiction Texts <i>integrate history, environment, society, citizenship, government, economics</i></p> | <p>Project-Based Learning <i>5 themes of geography, how to read a map, latitude/longitude, physical geography, cultural geography, regions of the world, physical/human systems, human-environment interaction, imperialism, colonialism, impact of geography on human history (focus: guns, germs, steel)</i></p> <p>Montessori Imaginary Island <i>cross-curricular project as a culmination of the elementary geography study and synthesizes the concepts from a variety of geographical studies, civics and government, economics, public issues, persuasive communication</i></p> <p>World History <i>pre-history, first civilizations, the middle ages, renaissance and reformation, age of exploration, revolution and enlightenment, era of imperialism, world conflicts/early 20th century, post-world war two, the world from 1945 to today</i></p> <p>United States History <i>prehistory to early 1600s, colonial America, the Revolution, American expansion, Civil War, Reconstruction</i></p> <p>Public Discourse and Civic Participation <i>mock trials, debates, public issues, current events, civic participation, roles and functions of government, values and principles of American Democracy, role of the citizen in the USA</i></p> |