

# *Widening Horizons Montessori Materials*

P.O. Box 1006, Apopka, FL 32704 407.814.1984 FAX 407.814.1984 www.whoriz.com

## **Materials List and Descriptions**

### *Individualized Spelling Level System*

The Individualized Spelling Level System covers all spelling levels from emergent reader to preparing for the college SAT. Students are motivated by seeing their spelling ability develop as they move through the levels. The system is for classroom use with the words categorized into 36 weekly word lists. Included is a placement test to determine each child's spelling level.

The system is divided into three divisions

Beginning (Levels 1-3)

Intermediate (Levels 4-6)

Advanced (Levels 7-8)

#### **Sp-1 Beginning**

**\$30.00**

Contains three levels: Level One- short vowel phonetic words with a few words containing phonograms. Level Two- words have one phonogram each. Level Three- words have two phonograms.

#### **Sp-2 Intermediate**

**\$30.00**

Contains three levels. Words in this division build from the beginning division. Words in each level increase incrementally in difficulty.

#### **Sp-3 Advanced**

**\$30.00**

Contains two levels. Words in this division are ideal for upper elementary students who need a spelling challenge. Words in each level increase incrementally in difficulty.

#### **Sp-4 Beginning & Intermediate**

**\$50.00**

The combination of the Beginning and Intermediate Divisions are ideal for Lower Elementary spelling needs. Includes levels 1-6

#### **Sp-5 Intermediate & Advanced**

**\$50.00**

The combination of the Intermediate and Advanced Divisions are ideal for most Upper Elementary needs. Includes levels 4-8

#### **Sp-6 Complete Individualized Spelling Level System**

**\$70.00**

Includes Beginning, Intermediate and Advanced Divisions, levels 1-8.

### *Language*

The language activities are designed to reinforce word study knowledge.

#### **La-1 Origin of Words**

**\$10.00**

Activity shows the meaning and origins of word. Combining forms of prefixes and suffixes are highlighted. 36 word cards are included. Cards have control of error on the back.

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### **La-2 Prefix, Suffix and Root Activities**

**\$30.00**

There are 10 separate activities: Comprehensive charts of prefixes and suffixes as well as individual cards for matching the prefix or suffix to its meaning, 3 sets of prefixes and suffixes to match to roots, root chart and matching meanings, prefix, root, and suffix cards for word formation, and command cards. All activities are coded and have a control of error.

### **La-3 Synonym and Antonym Activities**

**\$10.00**

Synonym and Antonym word matching with one word in each pair formed from the prefixes, suffixes and roots studied in the above activities. All activities are coded and have control of errors.

### **La-4 Homonym, Homograph, and Homophone**

**\$10.00**

The homonym, homograph, and homophone work includes three activities with words, sentences or definitions.

### **La-5 Complete Word Study Unit**

**\$55.00**

Includes Origin of Words; Prefix, Suffix and Root Activities; Synonym and Antonym Activities; and Homonym, Homograph and Homophone Activities.

### **La-6 Complete Parts of Speech Set**

**\$130.00**

Includes an individual book for each of the seven parts of speech. Each book includes comprehensive information on the part of speech profiled as well as removable activity sheets. Included are cards for sorting the different types for each part of speech. The books and cards are printed on color cardstock according to traditional Montessori grammar.

## *Montessori Math Operation Series*

The Montessori Mathematical Operation Series Booklets is a systematic series that takes students from Static Addition through Long Division. The booklets reinforce each operation. These booklets assist in managing the individualized math curriculum. The series is available in quantities of 20 booklets, which typically include 10 static, and 10 dynamic books.

### **Ma-1 Addition Operation Booklets- Static and Dynamic**

**\$15.00**

Comprised of 20 booklets: ten static and ten dynamic booklets. Book 1 has static addition problems. Book 2 has dynamic addition.

### **Ma-2 Multiplication Operation Booklets- Static and Dynamic**

**\$15.00**

Comprised of 20 booklets: ten static and ten dynamic booklets. Book 3 has static multiplication problems. Book 4 has dynamic multiplication. A few addition problems are included for review.

### **Ma-3 Subtraction Operation Booklets- Static and Dynamic**

**\$15.00**

Comprised of 20 booklets: ten static and ten dynamic booklets. Book 5 has static subtraction problems. Book 6 has dynamic subtraction. A few addition and multiplication problems are included for review.

### **Ma-4 Division Operation Booklets- Static and Dynamic**

**\$15.00**

Comprised of 20 booklets: ten static and ten dynamic booklets. Book 7 has static division problems. Book 8 has dynamic division. A few addition, multiplication and subtraction problems are included for review.

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### **Ma-5 Mixed Operations Booklets**

**\$15.00**

Comprised of 20 booklets. Book 9 reviews of all the previous booklets of addition, multiplication, subtraction and division.

### **Ma-6 Multiplier of 10-90 and Compound Multiplication**

**\$15.00**

Comprised of 20 booklets, ten of each of the following. Book 10 prepares the child for compound multiplication work. Book 11 is for compound multiplication.

### **Ma-7 Long Division Booklets**

**\$15.00**

Comprised of 20 booklets of long division work.

### **Ma-8 Complete Operations Set**

**\$95.00**

Includes one set of Ma-1 to Ma-7. Also comes with an Operational Placement Test to place students and/ or gauge their progress towards abstraction as well as a record sheet.

### **Ma-9 Complete Operations Answers**

**\$5.00**

Includes answers to all booklets in the Operation Set. Ma-1 - Ma-8.

## *Montessori Mathematical Fraction Series*

The Montessori Mathematical Fraction Series is a systematic series that takes students from addition with like denominators through division by a fraction. The booklets isolate and reinforce each fraction operation.

### **Mf-1 Addition Fraction Booklets**

**\$15.00**

Comprised of 20 booklets: ten addition with like denominators and ten addition with unlike denominators.

### **Mf-2 Subtraction Fraction Booklets**

**\$15.00**

Comprised of 20 booklets: ten subtraction with like denominators and ten subtraction with unlike denominators.

### **Mf-3 Multiplication Fraction Booklets**

**\$15.00**

Comprised of 20 booklets: ten multiplication with a whole number and ten multiplication by a fraction.

### **Mf-4 Division Fraction Booklets**

**\$15.00**

Comprised of 20 booklets: ten division with a whole number and ten division by a fraction.

### **Mf-5 Fraction Equivalency and Factors & Multiples**

**\$15.00**

Comprised of 20 booklets: ten fraction equivalency and ten factors and multiples.

### **Mf-6 Complete Set**

**\$70.00**

Includes one set of Mf-1 - Mf-5. Also comes with Fraction Placement Test to place students and/ or gauge their progress.

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## *Memorization & Supplemental Math Booklets*

Memorization Booklets aid in memorizing facts for rapid recall. Supplemental Booklets reinforce skills. All sets of booklets are in packs of 20.

### **Me-1 Addition Tables and Mixed Facts Booklets**

**\$15.00**

Comprised of 20 booklets. Lists the addition tables in order followed by another set of mixed tables. Helps in memorization of the math facts for rapid recall.

### **Me-2 Multiplication Tables and Mixed Facts Booklets**

**\$15.00**

Comprised of 20 booklets. Lists the multiplication tables in order followed by another set of mixed tables. Helps in memorization of the math facts for rapid recall.

### **Me-3 Squaring and Cubing Booklets**

**\$15.00**

Comprised of 20 booklets. Designed to be used with the squaring and cubing cabinet. This booklet provides an organized way to record the multiplies of the squares and cubes.

### **Me-4 Subtraction Tables and Mixed Facts Booklets**

**\$15.00**

Comprised of 20 booklets. Lists the subtraction tables in order followed by another set of mixed tables. Helps in memorization of the math facts for rapid recall.

### **Me-5 Division Tables and Mixed Facts Booklets**

**\$15.00**

Comprised of 20 booklets. Lists the division tables in order followed by another set of mixed tables. Helps in memorization of the math facts for rapid recall.

### **Ms-1 Clock Booklet**

**\$15.00**

Comprised of 20 booklets. Consists of identifying the clock time: hour, half hour, quarter-hour and all the time in-between. The book provides an opportunity to show the time in different expressions and also future time.

### **Ms-2 Rounding and Comparing Numbers**

**\$15.00**

Comprised of 20 booklets. Consists of ordering numbers least to greatest, comparing numbers, estimating addition and subtraction problems by rounding.

### **Ms-3 Decimal Operations**

**\$15.00**

Comprised of 20 booklets. Consists of decimal operations of addition, subtraction, multiplication, divisions, compound multiplication and long division. Blank problems for addition and subtraction are provided to line up the decimal places.

### **Ms-4 Fraction, Decimal and Percent Booklets**

**\$15.00**

Comprised of 20 booklets. Consists of showing equivalency between fractions and decimals, fractions and percents, decimals and percents, percents and decimals.

## *Math Units*

### **Mw-1 Hierarchy Unit**

**\$15.00**

Comprised of two materials. Math Prefix Material has Latin and Greek number prefixes one to ten. Hierarchy of Numbers shows number value with the power of ten. Twenty-six of the named hierarchies are included.

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## **Mw-2 Standard and Metric Charts**

**\$15.00**

Comprised of Standard Measurement of: Capacity, Length and Mass Charts. Metric Measurement Charts are comprised of: Capacity, Length and Mass Charts. Each chart comes with cards, working chart, and control charts.

## **Mw-3 Geometry Riddles**

**\$15.00**

Includes 31 riddles, each riddle profiles a specific geometric figure. There are 6 riddles for the basic triangles, 5 for Regular and Irregular Curved plane figures, 9 for polygons, 5 for quadrilaterals, 6 for advanced triangles.

## **Mw-4 Polygons**

**\$10.00**

This activity highlights the different names of thirteen basic polygons. This activity focuses on types of quadrilaterals and triangles. For example a square is also a type of rectangle, parallelogram, quadrilateral and a polygon.

# *Science*

## **Sc-1 Great Lesson Science Experiments**

**\$25.00**

Correlate with the Great Lessons. Each of twenty science experiment cards illustrates a law of the universe. Each experiment card gives complete materials list and the procedure for the experiment. Also included is a statement of the purpose of the experiment.

## **Sc-2 Complete Rock Unit**

**\$55.00**

Comprised of 18 labeled rock specimens and corresponding materials. Six specimens of Sedimentary, Metamorphic and Igneous rock types are included. Each rock type specimen is in a labeled box. Includes six different classroom activities: Rock Information Cards, which can be used to define and match the specimens, Tables of each rock type, which has pieces to place on the chart, and a control of error. Rock Cycle cards and reproducible student charts for identifying characteristics of rocks. Designed to introduce each rock type individually.

## **Sc-3 Complete Mineral Unit**

**\$55.00**

Comprised of 18 labeled mineral specimens and corresponding materials. Minerals are divided into 2 sets, each in a labeled box. Includes seven different classroom activities: Mineral Information Cards, which can be used to define and match to the specimens, Mineral Clues, Moh's Scale of Hardness, Mineral Identification book and reproducible student charts for identifying characteristics of minerals.

## **Sp-4 Rock Materials**

**\$25.00**

Six activities: Rock Information Cards, Tables of each rock type, rock cycle cards, and reproducible student charts for identifying characteristics of rocks.

## **Sp-5 Mineral Materials**

**\$25.00**

Seven different activities: Mineral Information Cards to define and match to specimens, Mineral Clues, Moh's Scale of Hardness, Mineral Identification book and reproducible student charts for identifying characteristics of minerals.

## **Sp-6 Complete Rock and Mineral Unit**

**\$100.00**

This complete set includes both the Complete Rock and Complete Mineral Units.

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## **Sc-7 Simple Machines Experiments**

**\$25.00**

Includes 20 different demonstrations and experiments of simple machines. Experiments show the principles of each of the six simple machines: lever, pulley, inclined plane, screw, wedge and wheel and axle. Also included student sheets to record the demonstrations and experiments.

## **Sc-8 Simple Machines Books**

**\$35.00**

Simple Machines Books includes three books and cards cut to size. The Simple Machines Book has images and information on the six simple machines. Classes of Levers Book profiles first, second and third class levers. Types of Pulleys Book show fixed, movable and compound pulleys.

## **Sc-9 Simple Machines Activities**

**\$15.00**

51 images of common items to be sorted into categories of simple machines. Cards are labeled on back for control of error. A Research Sheet is included for student research.

## **Sc-10 Complete Simple Machine Unit**

**\$65.00**

Includes the Simple Machine Experiments, Simple Machines Books and Simple Machines Activity.

## **Sc-11 Constellation Activity**

**\$25.00**

Comprised of 12 color constellation cards with lines depicting the image. These are matched to cards with the star placement. Prominent stars from each constellation are highlighted. The type of stars are colored depending on type, such as yellow, red, blue and white.

## **Sc-12 Astronomy Terms**

**\$15.00**

Includes 40 terms related to astronomy. Topics include: types of stars, branches of astronomy, and astronomical events among others. Definition cards match information cards. Definition cards are labeled on the back.

## *Cultural*

### **Cu-1 Seven Wonders of the Ancient World**

**\$35.00**

Includes color depictions of the wonders, definitions, matching cards and cards for book making. Also included is the activity, Riddles of the Ancient World.

### **Cu-2 Legends of the Zodiac Constellations**

**\$35.00**

This material tells how each of the zodiac constellations is found in the night sky. The constellations are shown in the night sky. Three part cards and cards for book making are included.

### **Cu-4 Continent Clues**

**\$25.00**

Includes 80 clues, 12 for each of the inhabited continents and 8 for Antarctica. Clues often inspire further research on continents.

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## **Cu-5 Branches of Government**

**\$15.00**

Highlights the 3 branches of government and the offices at the local, state and federal levels. Each position has a definition card. This activity shows the matrix of our government. Also included is a reproducible sheet for students to record the information.

## **Ce-1 Hieroglyphic Alphabet**

**\$25.00**

Comprised of activities to show the two types of hieroglyphics, which represent sounds as well as words. Includes 27 hieroglyphs which represent sounds and 16 hieroglyphs which represent words, called Determinatives. Included are four reproducible sheets for encoding and decoding hieroglyphics. Also included is an activity of 18 proverbs written in hieroglyphics to be translated.

## **Ce-2 Hieroglyphic Numerals**

**\$15.00**

This activity highlights the hieroglyph for each place value from units to millions. Included are two reproducible sheets for writing and decoding Hieroglyphic Numerals. Also included are addition and subtraction problem cards.

## **Cr-1 Roman Numeral Unit**

**\$35.00**

Comprised of activities developed to illustrate the correlation between Roman Numerals and our numbers. The focus is divided into Units Hierarchy and Thousand Hierarchy. Materials use the traditional colors of Montessori place value. Included are four reproducible sheets for writing and decoding the Roman Numerals as well as addition and subtraction problem cards.

## **Cr-2 Roman Gods and Goddesses**

**\$25.00**

Profiles 12 Roman gods. Includes line drawings of the gods and goddesses. Includes layout cards and cards for book making.

## **Cg-1 Aesop's Fables**

**\$25.00**

Includes 36 selected fables and matching proverbs. This material lends itself to a variety of uses including inspiring classroom discussions and writings.

## **Cg-2 Gods and Goddesses of Mount Olympus**

**\$35.00**

Profiles 13 Olympian gods. Includes color images of the gods and goddesses from ancient red pottery circa 500 BC. Includes layout cards and cards for book making.

## **Cg-3 Timeline of Ancient Greece**

**\$15.00**

Includes information cards on the Periods of Ancient Greece and 42 individual event cards to place with the corresponding period. Incorporates all areas of the Ancient Greek unit.

## **Cg-4 Greek Mathematicians & Scientists**

**\$15.00**

Profiles the most important Greek Mathematicians and Scientists: Pythagoras, Hippocrates, Euclid, Archimedes, Ptolemy, and Herodotus. Activity includes images, biographical information, directly attributed quotations and cards for book making.

## **Cg-5 Greek Philosophers & Educators**

**\$15.00**

Profiles the most important Greek Philosophers and Educators: Socrates, Democritus, Plato, Aristotle, and Epicurus. Activity includes images, biographical information, directly attributed quotations, and cards for book making.

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### **Cg-6 Greek Writers**

**\$15.00**

Profiles the most important Greek Writers: Homer, Hesiod, Aesop, Aeschylus, Sophocles, Euripides and Astrophanes. Activity includes images, biographical information, directly attributed quotations, and cards for book making.

### **Cg-7 Greek Leaders**

**\$15.00**

Profiles the most important Greek Leaders: Themistocles, Solon, Pericles and Alexander the Great. Activity includes images, biographical information, directly attributed quotations, and cards for book making.

### **Cg-8 Greek Research Cards**

**\$15.00**

The categories of commands for research include Olympian Gods, Daily Life, Seven Wonders, Mathematicians and Scientists, Philosophers and Educators, Writers and Leaders, the Olympics, Greek Architecture and the Parthenon. Cards help encourage further research in Ancient Greece.

### **Cg-9 Complete Greek Unit**

**\$130.00**

The complete Greek Unit is comprised of activities Cg-1 – Cg-8.

## *Spanish Materials*

The Spanish lessons contained in these materials are designed in accordance with basic Montessori principles. The lessons are divided into different levels that can be used with students of different ages and abilities from Preschool to Upper Elementary.

### **Sa-1 Spanish Speaking Countries**

**\$30.00**

These lessons are an excellent introduction to the study of Spanish. Included is a brief history of how Spanish emerged as one of the dominant language in the Western Hemisphere. Also included is a material which highlights 20 countries and their capitals where Spanish is a dominant language.

### **Sa-2 Saludos**

**\$15.00**

Comprised of three materials designed to teach children basic greetings in Spanish. Each Spanish greeting has a matching English translation.

### **Sa-3 Colores**

**\$35.00**

Comprised of 2 materials. One material introduces the twelve most common colors in three part cards. The second lesson introduces color variations, including light/ dark and metallic colors in three part cards.

### **Sa-4 Numeros**

**\$35.00**

Introduces whole numbers ranging from one to two million in a sequential progression with 6 materials. Material 1 contains names of the numbers from 1 to 10 in Spanish, the corresponding numerals and the matching image of the bead stair. Material 2 contains numbers and their Spanish names 1 to 20. Material 3 focuses on numbers 1 to 100. Material 4 is a bingo activity with numbers 1 to 100. Material 5 focuses on numbers 100 to 1,000 Material 6 focuses on numbers 1,000 to two million. All have a control of error.

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The Pink, Blue and Green Series Materials are designed to teach the basics of Spanish reading.

## **Sa-5 Pink Series Materials**

**\$15.00**

Introduces three letter phonetic Spanish words. Activity 1 introduces the vowel sounds. Activity 2 introduces the consonants in the Spanish alphabet, includes picture cards and also word cards.

## **Sa-6 Blue Series Materials**

**\$35.00**

Introduces longer phonetic Spanish words. This unit is divided into 8 sections, each with a particular sound focus. Each section has picture cards, word cards and sentence strips.

## **Sa-7 Green Series Materials**

**\$25.00**

Introduces the non-phonetic Spanish sounds. This unit is divided into 9 sections, each with a particular sound focus. Each section has picture cards, word cards and sentence strips.

## **Sa-8 Complete Pink, Blue and Green Series Materials Set**

**\$70.00**

Includes all the Pink, Blue and Green Materials

## **Sa-9 Mi Colegio**

**\$35.00**

Comprised of 76 vocabulary cards to expand the Spanish vocabulary. These cards highlight objects from the classroom. This unit is divided into 4 sections. Each section addresses a different grammar concept. This unit is ideal for beginning to intermediate Spanish lessons for both lower and upper elementary.

## **Sa-10 La Comida**

**\$35.00**

Comprised of 76 vocabulary cards to expand the Spanish vocabulary. These cards highlight food children would eat such as meats, fruits and vegetables. This unit is divided into 4 sections. Each section addresses a different grammar concept. This unit is ideal for beginning to intermediate Spanish lessons for both lower and upper elementary.

## **Sa-11 Los Animales**

**\$35.00**

Comprised of 76 vocabulary cards to expand the Spanish vocabulary. These cards highlight a wide variety of animals. This unit is divided into 4 sections. Each section addresses a different grammar concept. This unit is ideal for beginning to intermediate Spanish lessons for both lower and upper elementary.

## **Sa-12 La Ropa**

**\$35.00**

Comprised of 76 vocabulary cards to expand the Spanish vocabulary. These cards highlight clothes children wear or see in their environment. This unit is divided into 4 sections. Each section addresses a different grammar concept. This unit is ideal for beginning to intermediate Spanish lessons for both lower and upper elementary.