



## Materials and Activities to Develop/Strengthen Common Core Skills

### Language Arts

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#### Oral Language

Expresses ideas clearly

- conversation cards, circle time discussions, worktime conversations, story, recess, lunch

Makes relevant contributions to group discussions

- circle time and story time activities, worktime conversations, recess, lunch

Articulation

- conversation cards, circle time discussions, interactions with peers and teachers, storytime, recess, lunch

#### Reading and Literature

Comprehends important facts in a story

- storytelling activities, story group read alouds

Identifies lowercase letters

- sandpaper letters, stepboard, "Lively Letters" curriculum

Identifies uppercase letters

- stepboard

Identifies letter sounds

- sound game, sandpaper letters, movable alphabet

Identifies letter sounds in words

- sound game, phonetic object boxes, movable alphabet, phonetic reading cards, three part cards, early readers

Reads phonetic words

- sound game, phonetic object boxes, movable alphabet, phonetic reading cards, three part cards

Recognizes high frequency words

- sight word activities, three part cards

#### Written Language

Draws pictures to give information

- journaling, art extensions

Prints lowercase letters using proper letter formation

- metal insets, sandpaper letters, sand tray, chalkboard, stepboard

Prints uppercase letters using proper letter formation

- metal insets, sandpaper letters, sand tray, chalkboard, stepboard

Uses approximate spelling

- movable alphabet, journaling

Beginning to write sentences

- movable alphabet, pent to paper, journaling

Beginning to use proper sentence structure

- movable alphabet, pent to paper, journaling, grammar boxes

#### Grammar

Identifies parts of speech

- noun game, verb game, adjective game, adverb game, preposition game

### Practical Life

Participates in activities to maintain the classroom environment and care of self

- hand washing, dusting, polishing, sweeping, raking, care of plants, snack set up, washing cups, buttoning frames, zipping frames, lacing frames, etc.

Participates in basic activities to develop independence, eye hand coordination and concentration

- Transferring objects using tools, scooping, pouring pebbles/sand, sewing, clipping clothespins, cooking, using a phone, etc.

Participates in advanced multistep activities to strengthen independence, eye hand coordination, and concentration

- Extensions of basic activities as tasks become more complicated: transferring of smaller objects, pouring water, grating soap, sifting corn meal, setting a table, calling 911, etc.

### Math

#### Number Sense and Numeration

Uses one to one correspondence with counting

- number rods, spindle box, numbers and counters, colored bead bars 1-9, 100 board, bead chains

Recognizes numbers to 20

- sandpaper numbers, number rods with numerals, spindle box, numbers and counters, teens board

Recognizes numbers above 20

- tens board, 100 board, decimal system, bead chains

Compares two quantities

- sets basket, golden bead material: unit, ten, hundred, thousand

#### Geometric & Algebraic Thinking

Names, describes and compares 2 dimensional shapes

- geometric cabinet, constructive triangles,

Names, describes and compares 3 dimensional shapes

- geometric solids, binomial & trinomial cubes

#### Patterning & Operations

Copies, constructs, and extends patterns

- Pink Tower, Brown Stair, knobless cylinders, constructive triangles

Sorts objects by categories

- manipulative materials across the curriculum, sets basket for math

Understands concepts of math operations: addition, subtraction, multiplication, division

- beads, blue & red rods, stamp game, bank game, finger chart, strip boards, bead board, short & long multiplication chains

#### Measurement

Understands concept of fractions as part of a whole

- fraction skittles, fraction insets

Understands concept of linear measurement

- rulers, cuisinairre rods

Understands concept of time measurement

- Montessori clock with corresponding bead bars

Recognizes US coins and dollar

- penny, nickel, dime, quarter, dollar

### Science

#### Earth, Life, Physical Science & Environmental Studies

Actively participates in activities and experiments

- Astronomy, Biology, Botany, Chemistry, Physics/Engineering, Zoology

Seeks out science extensions

- unit-related materials for exploration, observation, hypothesis, critical thinking

## Social Studies

### History, Geography & Cultural

Actively participates in geography activities, expressing an interest in cultures beyond their own

Seeks out social studies extensions

- globes, maps, land and water forms, biomes, study of people around the world, timeline of life on earth, peacekeeper
- literature (celebrations and traditions from around the world), unit-related materials for cultural awareness

## Social/Personal Development

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Plays/works well with others

Demonstrates respect and sensitivity to others

Demonstrates physical self control

Demonstrates verbal self control

Exhibits problem solving skills

Exhibits cooperative behavior in group settings

- imaginative play groups, group lessons, daily recess, lunchtime
- worktime interactions, "Character Counts" character education program, recess, lunch
- circle time and story time groups, Bailey Hall, lunchtime, indoor & outdoor recess
- circle time and story time groups, lunchtime, worktime
- opportunities throughout the day, individual, small group and large group activities
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## Work Habits

Listens attentively

Follows oral directions

Completes tasks in an appropriate amount of time

Works independently

Demonstrates initiative

Demonstrates organizational skills

Uses classroom materials appropriately

Puts away materials responsibly

- circle times, story time, and opportunities throughout the day
- practical life activities, oral language lessons, oral math lessons
- worktime, lunch
- worktime
- throughout the day
- worktime, lunchtime, cubby
- worktime, recess, lunchtime
- worktime, indoor recess, lunch

## French

Participates in group lessons

Demonstrates interest in learning about France/new vocabulary

Recalls relevant vocabulary and content

- various French lessons, games, and songs to learn vocabulary, French cooking lessons
- asks questions, retains concepts and vocabulary
- retains concepts and vocabulary

## Art

Participates in weekly activity

Seeks out art extensions

- various activities exploring different artists, styles, and mediums: clay, paint, oil pastels
- chalkboard, white board, drawing, collage, sewing, weaving, grading colors, woodworking, manipulatives for building

## Music

Participates with group

Seeks out additional time with instruments

- songs, instruments, rhythm and movement activities in weekly groups
- drums, claves, shakers, Montessori bells, rhythm instruments from around the world

## Physical Development

### Gross Motor

Exhibits coordination, strength, and stability

Participates in organized physical activities

### Fine Motor

Demonstrates ability to cut: straight lines

curved lines

Uses tripod grip to hold writing utensils

- daily outdoor & indoor gross motor activities
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- various cutting activities in practical life and art
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- various practical life activities (using tongs, tweezers, insets)