



## *Approaches to Learning*

- Explore their immediate environment, as well as solving the challenges of learning about the larger world.
- Creativity to adapt familiar materials and activities in new situations and seek new ways to solve problems.
- Plan and reflect while testing hypothesis.
- Reflect and think through the steps of their varied approaches to learning and begin to plan solutions with increasing competence.
- Practical Life, Math, Literacy and Science Montessori lessons

## *Language and Literacy Development*

- Understand, ask and answer relevant questions, add comments relevant to the topic, and react appropriately to what is said.
- Age-appropriate vocabulary across many topic areas and demonstrates a wide variety of words and their meanings within each area.
- Use of complete sentences of four or more words, usually with subject, verb, and object order.
- Interacts appropriately with books and other materials in a print-rich environment.
- Recognition of alphabet letters and their sounds.
- Combine compound words, syllables into words, onset and rhyme.
- Retells or reenacts a story after it is read aloud.
- Use scribbles/writing to convey meaning.

## *Scientific Thinking*

- Demonstrates the use of simple tools and equipment for observing and investigating.
- Explores the physical properties and creative use of objects or matter.
- Identifies the characteristics of living things.
- Discovers and explores objects.
- Explores the outdoor environment and begins to recognize changes.
- Identifies the five senses and explores functions of each.
- Demonstrates ongoing environmental awareness and responsibility.

## *Physical Development*

- Demonstrate increasing motor control and balance.
- Uses eye-hand coordination to perform fine motor tasks.
- Shows beginning control of writing by using various drawing and art tools with increasing coordination.
- Demonstrate jumping, galloping, and skipping.
- Demonstrate running around obstacles, stopping quickly, pedaling with alternating feet.
- Use a pincer grasp to hold writing utensils.

## *Mathematical Thinking and Expression*

- One to one correspondence when counting.
- Count and construct sets in the range of 10 to 15 objects.
- Comparison of quantities.
- Demonstrate the concept of ordinal position.
- Counts through 31 by understanding the pattern of adding by one.
- Understanding of addition and subtraction using a concrete set of objects.
- Duplicates identical patterns with at least two elements.
- Recognize two and three-dimensional shapes.

## *Social Studies Thinking*

- Begins to recognize and appreciate similarities and differences in people.
- Begins to understand family characteristics, roles, and functions.
- Shows awareness and describes some social roles and jobs that people do.
- Demonstrates awareness of geographic thinking.
- Demonstrates awareness of group rules.

## *Arts and Creative Expression*

- Discusses and responds to the feelings caused by an artwork.
- Manipulates clay in different ways.
- Makes and combine different shapes, marks, forms, textures, colors.
- Correct use and care of the art materials.
- Explores music.
- Creates creative movement and dance to communicate an idea.
- Creates dramatic play to communicate an idea.