



About this guide

This guide provides hands-on Montessori activities designed to enhance early childhood development. Each activity fosters essential skills such as fine motor control, sensory exploration, math readiness, and practical life skills. Step-by-step guides, materials lists, and extension ideas ensure an engaging and enriching learning experience for young children.

Montessori Practical Life Activity Guide

☎ 9412003987

✉ lilproedu@gmail.com

🌐 www.lilpro.in



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Montessori Math Readiness Activity

Counting with Natural Objects (Leaves, Shells, Beads)

- Age Group: 2.5 – 6 years
- Skills Developed: Early math skills, one-to-one correspondence, number recognition, sensory exploration

Activity Overview



Objective:

- Introduce counting in a hands-on, nature-based way.
- Develop one-to-one correspondence (matching numbers to objects).
- Enhance fine motor skills and sensory learning.

Materials Needed:

- Natural objects (leaves, shells, pebbles, acorns, flower petals, or beads)
- Number cards (1-10) (handwritten or printed)
- Small baskets or bowls (for sorting)
- Tray (to keep objects organized)
- Step-by-Step Guide



Invitation to Play (Introduction)

Today, we're going to be nature explorers and count the treasures we find!

Montessori Tip: Let the child touch and explore the objects before starting the counting activity.

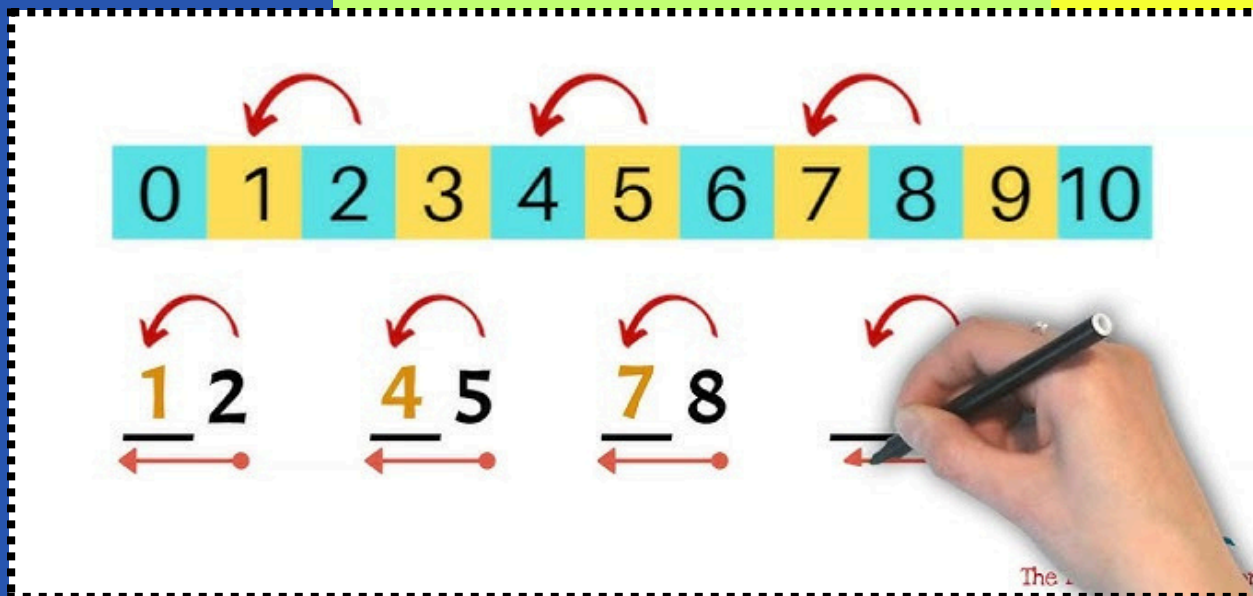
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Demonstration

- Lay out the number cards in a row (1 to 5 for beginners, 1 to 10 for older kids).
- Pick a number card (e.g., 3) and say, Let's find 3 shells and place them next to this number.
- Count each object aloud as you place them:- 1, 2, 3.
- Encourage the child to try with the next number.
- Child's Turn (Hands-on Activity)

Let the child:

- Pick a number card and find the correct number of objects.
- Sort objects by type (e.g., all leaves together, all beads together).
- Arrange objects in different patterns (line, circle, triangle).



Advanced Challenge:

- Counting Backwards (start with 5, remove one at a time).
- Odd & Even Sorting (Let's put the even numbers in this basket !).
- Matching to Written Numbers (Trace the number with a finger before counting).

Extension Activities

- Outdoor Number Hunt:** Collect objects outside and count them.
- Addition Game:** Combine two groups (You have 2 shells, and I have 3. How many in total?).
- Sensory Variation:** Use sand or water to place objects while counting.

Observation & Reflection Notes (For Parents & Teachers)

- Does the child count objects accurately?
- Are they matching numbers with confidence?
- Did they enjoy the sensory aspect?

Bonus Montessori Tip: Use real-life counting daily (count steps, fruits, or buttons while dressing!).



Pre-writing skills, letter recognition, fine motor control, sensory learning



Objective:

- Introduce letters through tactile exploration.
- Strengthen pre-writing skills by improving hand control.
- Develop sensory awareness and boost memory retention.



Materials Needed:

- A shallow tray or plate
- Sand, flour, salt, or colored rice
- Alphabet flashcards or letter printouts
- A paintbrush (optional) for variation

The logo 'lilpro' is displayed on a wooden-textured board. The letters 'l', 'i', 'p', and 'r' are blue, while 'l', 'o', and 'o' are orange. The board is set against a light green background.

Step-by-Step Guide

Invitation to Explore (Introduction)

Today, we're going to learn letters in a fun way with our fingers in sand!

Montessori Tip: Let the child explore the texture before starting.

Demonstration

- 1 Choose a letter from the flashcards (start with simple letters like A, B, C).
- 2 Use a finger to slowly trace the letter in the sand/flour.
- 3 Say the letter's sound aloud (e.g., A makes the ah sound).
- 4 Encourage the child to try with their index finger.
- 5 Smooth the surface and try the next letter!

Child's Turn (Hands-on Activity)

Let the child:

- Pick their favourite letters to trace.
- Guess the letter by feeling a flashcard before tracing.
- Try using a paintbrush or stick for variation.

Advanced Challenge:

- Trace simple words (cat, sun, dog).
- Close eyes & trace from memory.
- Match letters with objects (e.g., B for Ball).

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Extension Activities

- Outdoor Sand Tracing:** Use a stick to write in real sand.
- Flour Writing with a Spoon:** Try using a spoon instead of fingers.
- Chalkboard Transition:** After sand tracing, practice on a chalkboard.

Observation & Reflection Notes (For Parents & Teachers)

- Did the child recognize letters easily?
- Were they able to trace smoothly?
- Did they enjoy the sensory aspect?

Bonus Montessori Tip: Encourage tracing letters in daily life on foggy windows, in rice, or even with a finger on a table!



Activity Overview

Objective:

- Strengthen pincer grip (prepares for writing and self-care tasks).
- Improve hand-eye coordination and focus.
- Encourage independence and problem-solving.

Montessori Fine Motor Development Activity: Tweezer & Bead Game

Age Group: 2.5 – 5 years

Skills Developed: Fine motor control, pincer grip, hand-eye coordination, concentration, patience



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Materials Needed:

- Tweezer or Tongs (child-friendly, rubber-grip or wooden)
- Small Beads (wooden, plastic, or pom-poms for younger children)
- Two Small Bowls (for bead transfer)
- Tray (to keep materials organized)
- Optional: Numbered Mat (for counting challenge)



Step-by-Step Guide

Invitation to Play (Introduction)

Today, we're going to use tweezers like a scientist! We will carefully pick up beads and move them from one bowl to another.

Montessori Tip: Let the child explore the tweezers first practice picking up larger objects before moving to beads.

Demonstration

- 1 Hold the tweezers correctly (thumb and index finger with support from the middle finger).
- 2 Gently pick up a bead and move it to the empty bowl.
- 3 Repeat slowly to show focus and precision.
- 4 Encourage the child to try.

Child's Turn (Hands-on Activity)

Let the child explore picking up one bead at a time and transferring it.

Guide them with fun prompts:

- Can you move all the red beads first?
- Try picking up two beads in a row without dropping them!

Advanced Challenge:

- **Sorting:** Sort beads by color or size.
- **Counting:** Transfer exactly 5 beads into each bowl.
- **Speed Challenge:** Use a sand timer to make it exciting.

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Extension Activities

Interactive Class

- **Nature Exploration:** Transfer small leaves, stones, or flower petals.
- **Chopstick Challenge:** Replace tweezers with training chopsticks for extra skill-building.
- **Ice Cube Transfer:** Use tongs to move ice cubes from warm to cold water (adds a sensory element).

Observation & Reflection Notes (For Parents & Teachers)

- Does the child use the correct pincer grip?
- Can they complete the task without dropping beads?
- Did they enjoy the activity or show frustration?

Bonus Montessori Tip: Encourage tweezers use in daily life picking up snacks, sorting toys, or feeding pets!



Activity Overview

Objective:

- Help children develop tactile awareness by sorting rough and smooth objects.
- Enhance language skills by introducing texture-related vocabulary.
- Encourage focus & problem-solving through hands-on exploration.

Montessori Sensory Exploration Activity: Texture Sorting (Rough vs. Smooth Objects)

Age Group: 2.5 - 5 years

Skills Developed: Sensory discrimination, language development, concentration, and cognitive categorization



Materials Needed:

- Sorting Tray (or two small baskets)
- Rough objects: Sandpaper, tree bark, burlap fabric, pumice stone, dried leaves, textured sponges
- Smooth objects: Polished stones, silk fabric, plastic lids, smooth glass, laminated paper, wooden blocks
- Texture Cards (labelled Rough and Smooth)



Step-by-Step Guide

Invitation to Explore (Introduction)

Today, we are going to use our hands to feel different textures! Some things feel rough, like sandpaper, and some feel smooth, like a polished stone.

Montessori Tip: Let the child close their eyes and feel an object first before identifying it!

Demonstration

- Pick up a rough object and say, This is rough. It feels bumpy and scratchy.
- Pick up a smooth object and say, This is smooth. It feels soft and even.
- Place each object in the corresponding basket/tray.
- Encourage the child to feel, compare, and describe the textures before sorting.

Child's Turn (Hands-on Sorting Activity)

Let the child explore the remaining objects and place them in the correct tray

Guide them with fun prompts:

- Does this feel bumpy or smooth?
- Which basket does it belong to?
- Can you find another rough/smooth object?

Vocabulary Expansion & Sensory Matching

Language Development: Introduce words like soft, hard, silky, bumpy, scratchy, slippery, fuzzy.

Matching Challenge: Mix up objects and ask, Can you find two things that feel the same?

Extension Activities

- **Mystery Bag:** Place rough and smooth objects inside a cloth bag. Let the child feel and guess before pulling them out.
- **Outdoor Exploration:** Take a nature walk and collect natural items to sort (e.g., leaves, rocks, twigs).
- **Texture Art:** Have the child create a collage using rough & smooth materials on paper.

Observation & Reflection Notes (For Parents & Teachers)

- Did the child easily distinguish rough vs. smooth?
- Did they use new texture-related words?
- Were they engaged and curious?

Bonus Montessori Tip: Encourage the child to describe textures in daily life, like feeling different clothes, fruits, or furniture



Activity I: Pouring Water (Two-Handed & One-Handed Pouring)

Objective:

- Improve hand-eye coordination and control of movement.
- Develop focus, patience, and responsibility.

Materials Needed:

- 2 small child-sized pitchers (glass or plastic)
- A tray (to contain spills)
- A small towel (for wiping spills)
- Water (can be colored with food dye for visual interest)

Montessori Practical Life Activity Design: Pouring Water & Transferring Beans

Age Group: 2.5 - 5 years

Skills Developed: Fine motor skills, concentration, coordination, independence



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Steps to Conduct the Activity:

- 1 Preparation:** Invite the child and say, Today, we're learning how to pour just like grown-ups do!
- 2 Demonstration:** Show how to hold the pitcher with both hands and slowly pour water into the empty one.
- 3 Encourage the Child to Try:** Let them attempt two-handed pouring first.
- 4 Progression:** Once they master it, introduce one-handed pouring using a smaller pitcher.
- 5 Cleaning Up:** Show them how to wipe spills independently with the towel.
- 6 End the Activity:** Say, Great job! Now you can pour your own water at home!

Montessori Tip: Use real glass pitchers for a sense of responsibility and care.



Activity 2: Transferring Beans with a Spoon & Fingers

Objective:

- Develop pincer grip (prepares for writing).
- Improve focus and hand control.

Materials Needed:

- 2 small bowls
- Dry beans (chickpeas, kidney beans, or black beans)
- A spoon (small or medium-sized)
- A tray to prevent mess



Steps to Conduct the Activity:

- **Introduce the Activity:** Say, Let's practice moving beans carefully from one bowl to another!
- **Demonstrate**
 - First, use the spoon to transfer beans one by one.
 - Next, pinch with fingers to move them (pincer grip).
- **Encourage the Child to Try:** Let them do it at their own pace.
- **Increase Difficulty:**
 - Use smaller beans (like lentils) to refine motor control.
 - Use tweezers for an added challenge!
- **Praise Effort & Independence:** You did it! You moved all the beans carefully, just like a chef or scientist!



Montessori Tip: Change the material seasonally (e.g., pumpkin seeds in fall, rice in winter) to keep engagement high.







Extension Ideas:

- Pouring Variation:** Use a funnel & bottle for precision pouring.
- Transferring Variation:** Use colored beads and have the child sort by color.
- Real-Life Connection:** Let the child pour their own juice or milk at snack time!



Introduction to Practical Life Skills

Materials Checklist

- 2 small glass or plastic pitchers 
- A tray (to contain spills) 
- A small towel (for wiping spills) 
- 2 bowls 
- A spoon 
- Dry beans (kidney beans, chickpeas, or lentils) 

Activity I – Pouring Water

Step-by-Step Instructions

1 Set up materials on a tray



2 Show how to hold the pitcher with both hands.



3 Slowly pour the water from one pitcher to the other.



4 Encourage the child to try.



5 Progress to one-handed pouring for an advanced challenge.



6 Clean up spills independently with a towel.



Montessori Tip: Use real glass pitchers to teach responsibility!



Activity 2 – Transferring Beans

Step-by-Step Instructions

1 Place beans in one bowl & hand the child a spoon.



2 Demonstrate how to scoop and transfer beans carefully.



3 Encourage them to try at their own pace.



4 Advance the challenge using fingers for a pincer grip.



5 Introduce tweezers for extra fine motor skill development.



Extension Ideas:

- Sort beans by color or size
- Use different tools (spoons, tongs, tweezers)
- Try pouring rice or lentils for a new texture challenge

Reflection & Learning Observations

- How did the child react?
- Did they focus for a long time?
- What skills did they seem to develop?

Bonus Montessori Tip: Let your child pour their own drink at snack time!

