

Math Lesson Plan: “Shape and Color Hunt Adventure” (All Ages)

Classroom:

Teacher:

Learning Objective(s)

- Children will practice **shape recognition** and **color identification** through a hands-on scavenger hunt.
 - Children will strengthen **early math skills** by sorting, classifying, and counting objects.
 - Children will develop **spatial awareness and problem-solving skills** while actively exploring their environment.
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Materials

- Shape and color cards (laminated for durability)
 - Small baskets or bags for collecting objects
 - Pre-selected classroom objects (or pictures) in different colors and shapes
 - A large mat or rug for sorting items after the hunt
 - Optional: stickers or stamps for rewards
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Procedures

1. Set the Stage

- Invite children to sit in a circle and introduce the activity:
 - “Today, we’re going on a Shape and Color Hunt! We’ll look all around the room for objects that match our cards.”
- Show a few sample cards (circle, square, triangle, rectangle) and identify their colors and shapes.
- Ask children questions to encourage engagement:
 - “What do you see in the classroom that is a circle? What’s something red?”



2. Explain the Activity

- “Each of you will get a card with a color or shape on it. When I say go, look for something in the room that matches your card. Bring it back to the rug!”
 - Model finding an object and sorting it in a group pile to demonstrate expectations.
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3. Set Up the Space

- Hide or place objects around the classroom for children to find.
 - Place a large rug or designated area where children will sort their items after collecting them.
 - Remind children about safety:
 - “Let’s use walking feet, keep our voices quiet, and look carefully around us.”
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4. Play the Game

1. Hand out one card to each child.
 2. Start the scavenger hunt with a cheerful signal (like a bell or music).
 3. As children find objects, gather at the rug and help them **name the shape and color**.
 4. After sorting, redistribute cards and repeat the activity, adding challenges like counting or grouping items.
 5. Switch between **color cards** and **shape cards** to keep the activity engaging.
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5. Wrap-Up

- Gather children to reflect:
 - “What shapes did you find the most? Which colors were the hardest to find?”
 - Use collected items to review concepts:
 - “Let’s count how many blue things we found. How many are circles?”
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Individualized Support

- Offer picture cards with bold colors for visual learners or children who need extra support.



- Pair younger children with a buddy or teacher to guide them through the hunt.
 - Use **dual language labels** on cards for bilingual learners.
 - Provide **tactile versions** of shapes (foam or wooden) for sensory engagement.
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Modifications & Extensions

Infants & Toddlers

- Use soft toys, plush shapes, or textured items to make the activity sensory-rich.
- Encourage toddlers to place objects into color-coded baskets.
- Offer hand-over-hand guidance for infants, focusing on touch and observation.

Preschool & Mixed-Age Groups

- Challenge children to **count** how many items they find in each color or shape.
- Introduce simple **graphing**: place items on a chart to see which category has the most.
- Invite older children to “hide” objects for friends to find, fostering leadership and teamwork.

All Age Groups

- Incorporate songs about colors and shapes between rounds for movement breaks.
- Rotate themes weekly (e.g., “Circle Week,” “Rainbow Hunt”) to deepen understanding.
- Extend the hunt outdoors, looking for natural shapes like leaves, rocks, or clouds.

