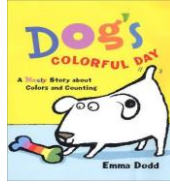




Color Mixing



Standards:
ATL.RPS.PS.2, 4-7
CA.VA.PS.1, 4



Materials:

- *Dog's Colorful Day*
- eye droppers/ pipettes
- coffee filters or white paper towels
- small spoons
- small containers
- diluted tempera paint or liquid watercolor

Vocabulary:

- mix
- stain
- separate
- experiment
- predict

Preparation: Set up materials.

Intro to Centers:

"In *Dog's Colorful Day*, Dog went for a walk. What do you notice?"

"The **stains** from the green grass, the purple marker, and the other things that dripped on his coat were colorful. But none of the colors **mixed** together, they stayed **separate** from each other."

"Today in Discovery, you can **experiment** with colors using these materials. What do you notice?"

"We will keep the colors in **separate** containers and mix them together on coffee filters/paper towels."

"What do you **predict** will happen if I **mix** red with yellow?"

During Centers:

Compare and contrast the colors children create to the stains on Dog's coat in *Dog's Colorful Day*. Encourage children to name and label their colors. Support children in recording "formulas" for their colors, e.g., "2 drops of red and 2 drops of blue makes purple", etc. Compare color mixing formulas to recipes.

Show illustrations.
Children respond.

Show illustrations.

Show materials.
Children respond.

Model.

Model. Children respond.

Guiding Questions during Centers:

- How did you create the colors on your coffee filter/ paper towel?
- How are the colors you created similar to or different from the stains on Dog's coat in *Dog's Colorful Day*?
- Where have you seen a color similar to the one(s) you created?

Thinking & Feedback: Invite children to share their processes. Encourage children to describe the challenges they might have encountered.

Documentation: Collect samples of the children's work as well as photographs and/or video of their process; use the documentation to launch a discussion during Thinking and Feedback.

Provocation: Display children's coffee filters/paper towels window to see the effects of sunlight on the colors.