



KatoKits: Activity Lesson Plans & Developmental Checklist for Early Childhood Education

 Inspire Young Minds, One Activity at a Time 



Comprehensive Lesson Plans

Thoughtfully designed activity plans that promote early childhood development in cognitive, social-emotional, & physical domains

Designed for Educators and Parents

Flexible activities that adapt to different learning environments, offering support every step of the way, whether at home or in the classroom.

Thank You from KatoKits!

We want to extend a warm and heartfelt thank you for choosing KatoKits as your trusted partner in your child's learning journey

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Paint Mixing & Color Creation Activity

Activity Description:

In this activity, children will explore color mixing by combining primary colors (red, yellow, blue) to create secondary colors (orange, green, purple). Using a paintbrush, reusable mixing sheets, & trays, they'll discover how colors change & interact while practicing fine motor skills, creativity, & cognitive development.

Learning Objectives:

Cognitive Development:

- Recognize and understand the concept of primary & secondary colors.
- Predict and observe the outcomes of mixing two colors.

Fine Motor Skills:

- Develop hand-eye coordination by using a paintbrush to mix colors.
- Improve precision in applying paint to the sheet or tray.

Creativity & Self-Expression:

- Experiment with colors to create unique shades & patterns.
- Express their personality through color choices & blending techniques.

Language & Communication:

- Use descriptive language to explain the colors they created.
- Practice vocabulary related to colors (e.g., light, dark, vibrant, dull).

Materials Needed:

- Reusable color-mixing sheet
- Apron to protect clothing
- Tray for organizing materials
- Paintbrush



Step-by-Step Instructions:

Introduction:

- Introduce the concept of primary colors (red, yellow, blue) and how they can be mixed to create new colors.
- Show an example of secondary colors (orange, green, purple) and explain how they are made.



Demonstration

- On a reusable color-mixing sheet or tray, demonstrate mixing two primary colors to create a secondary color. For example:
- Red + Yellow = Orange
- Blue + Yellow = Green
- Red + Blue = Purple
- Point out how the colors change as they blend.

Reflection & Sharing

- Gather the group and ask each child to share one or two of the colors they created.
- Encourage descriptive language by asking questions like:
 - "What colors did you mix to make this?"
 - "How would you describe your new color?"

Independent Exploration

- Distribute the materials: apron, tray, brush, reusable sheet, and paints.
- Allow each child to experiment with mixing colors, encouraging them to:
- Start with two primary colors and observe the result.
- Fill in all six sections of their sheet with unique combinations.

Teaching Strategies:

Encouraging Prediction & Observation:

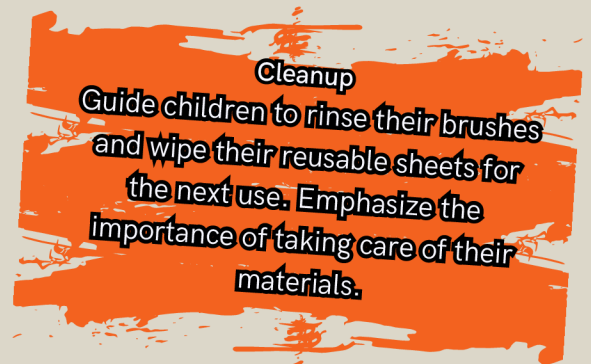
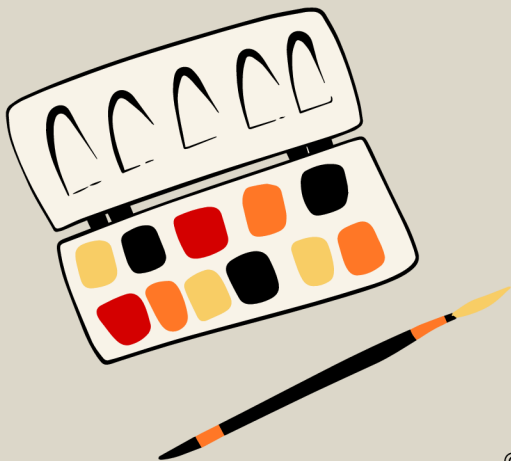
Explanation: Before mixing, ask children to predict what color will result. For example: "What do you think will happen if we mix red and yellow?" This encourages critical thinking and cognitive engagement.

Purpose: Helps children connect cause and effect while building problem-solving skills.

Promoting Creativity Through Exploration:

Explanation: Allow children to mix colors freely after the guided portion of the activity. Encourage them to try new combinations or shades by adjusting paint ratios (e.g., more red than yellow).

Purpose: Fosters self-expression and builds confidence as children see their creative ideas come to life.



Developmental Domains Checklist: Paint Mixing & Color Creation Activity

Cognitive Development:

- ☐ Predicts outcomes of color mixing (e.g., "red and yellow will make orange").
- ☐ Observes and identifies the results of mixing two colors.

Fine Motor Skills:

- ☐ Holds the paintbrush and applies paint with control.
- ☐ Mixes colors precisely on the sheet or tray.

Creativity & Self-Expression:

- ☐ Experiments with different paint ratios to create unique colors.
- ☐ Expresses personal ideas through their choice of colors and patterns.

Language & Communication:

- ☐ Uses color-related vocabulary (e.g., primary, mix, bright, light, dark).
- ☐ Describes their mixing process and resulting colors to peers or teachers.

Social-Emotional Development:

- ☐ Shares materials and takes turns with peers.
- ☐ Shows confidence and pride in their color creations.

Sensory Exploration:

- ☐ Engages with the tactile experience of paint and brushes.
- ☐ Observes visual changes as colors blend and change.

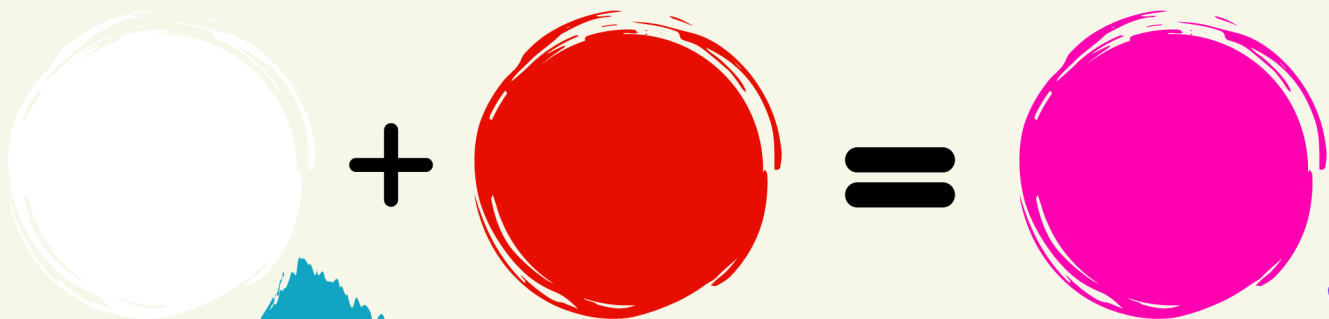
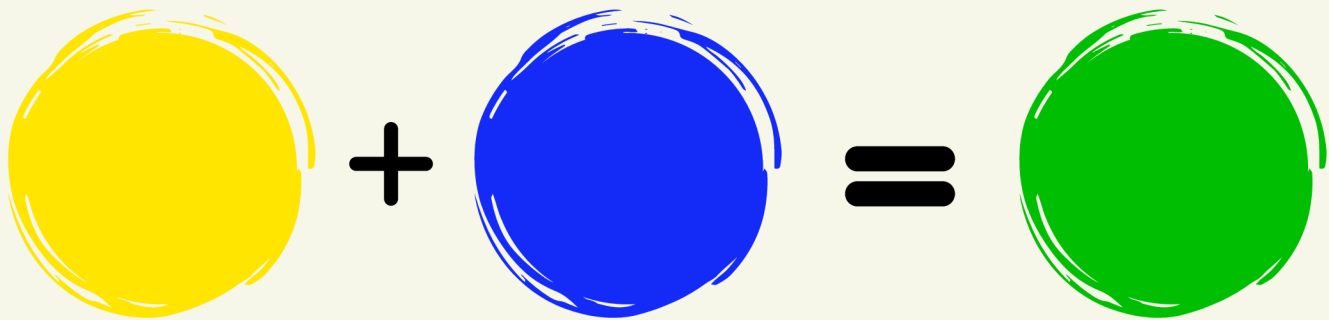
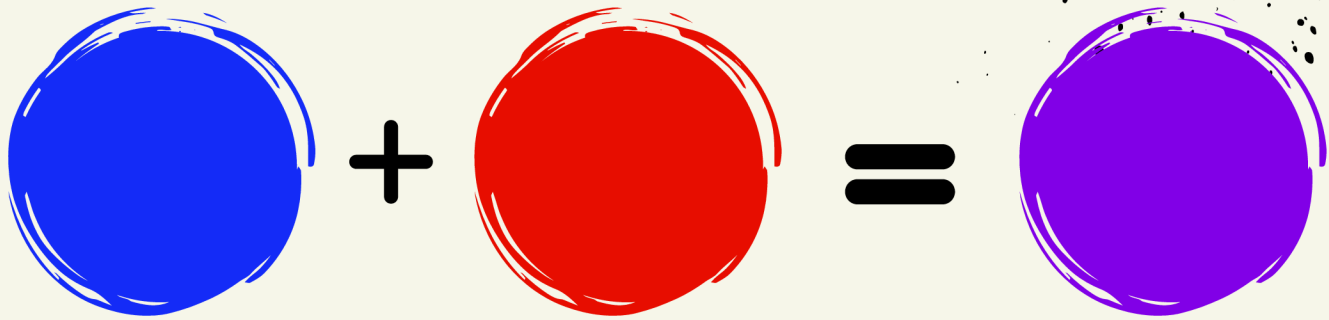
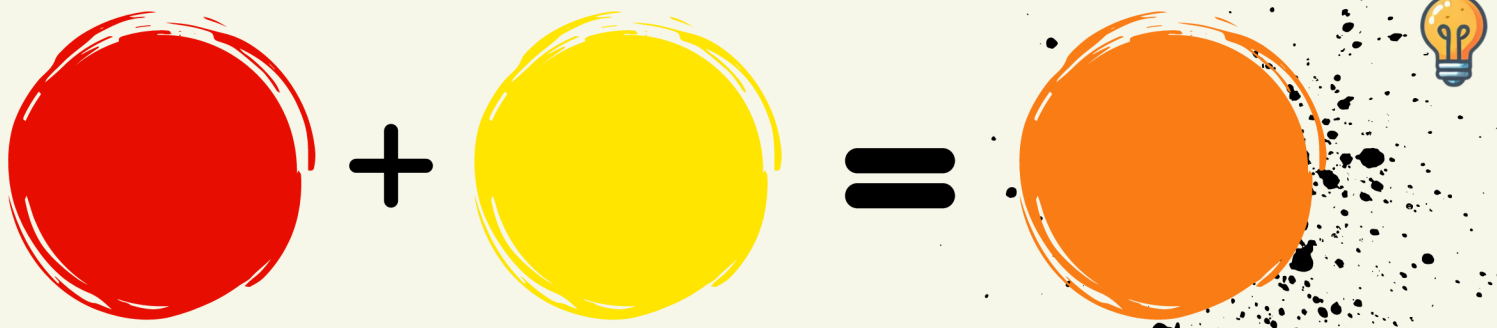


Additional Comments:

Observation Notes:



Signature



Paint Mixing and Color Creation Activity is reusable, engaging, & highly beneficial for young learners, combining exploration, skill-building, & creativity in one simple yet effective lesson.