



## **Lesson Plan: Rainbow Raiders - Unmasking the Mystery of Color!**

**Grade Level: K-2nd**

**Lesson Objective:** Students will explore the primary colors (red, blue, yellow) and secondary colors (green, orange, purple) through engaging activities and video games, understanding how colors mix and create new colors.

**Lesson Motto(s):**

- "Ready, set, mix! We're on a colorful quest!"
- "Every color tells a story. Let's listen closely!"

**Materials Needed:**

- For Video Game Option:
  - Classroom computers with internet access
  - Kid-friendly online drawing/painting game:
    - Crayola Scribbles (free)
    - DrawingPad (free)
    - Doodle World (free)
  - Alternatively: Large white paper, washable markers, colorful construction paper
- For Non-Video Game Option:
  - Washable tempera paints (red, blue, yellow)
  - White paper cups, plastic spoons
  - Large white tray or container
  - Cotton balls

- Playdough in primary and secondary colors (optional)
- Post-Lesson Activity: Colorful Rainbow Raider badge template (provided later)

## **Lesson Outline**

### **Warm-up (10 minutes):**

- Sing a color-themed song like "The Rainbow Connection" or "I'm a Little Teapot."
- Play a "Guess the object" game using color clues (e.g., "I'm round and red, what am I?").
- Show images of vibrant rainbows or colorful landscapes, discussing the different colors seen.

### **Introduction (15 minutes):**

- Introduce the concept of "Rainbow Raiders" - explorers who discover the secrets of color.
- Explain the three primary colors (red, blue, yellow) and their special powers.
- Demonstrate how mixing primary colors can create new "secret" colors (secondary colors). Use visuals or a simple experiment with paints (red + blue = purple, etc.).

### **Instructional Activity (20 minutes):**

- Divide students into "Rainbow Raider" teams.
- For Video Game Option: Teams explore the chosen online drawing/painting game, experimenting with mixing colors and creating colorful artwork. Encourage them to name their creations and share their discoveries with the class.
- For Non-Video Game Option: Teams use the paints and cups to mix primary colors, observing the secondary colors created. They can dip cotton balls in paint and blot them onto the tray to create unique patterns and textures.

### **Interactive Lab Activity (90 minutes):**

- Challenge students to complete colorful missions as Rainbow Raiders!

- Video Game Option:
  - Mission 1: Rainbow Rescue: Teams design a colorful world in the game, hiding "rainbow coins" in places with specific color mixes (e.g., purple coin hidden amongst blue and red objects). Other teams race to find the coins, identifying the color combinations.
  - Mission 2: Color Camouflage: Teams create "chameleon creatures" in the game using different color combos to camouflage themselves in specific environments (e.g., green creature in a forest scene).
  
- Non-Video Game Option:
  - Mission 1: Rainbow Obstacle Course: Create a physical obstacle course using colorful construction paper, cones, and other materials. Each obstacle requires a specific color combination (e.g., crawl through the blue tunnel, jump over the red cones). Teams complete the course while naming the color combinations.
  - Mission 2: Playdough Pals: Teams use playdough in various colors to create unique creatures, describing their colorful features and how the colors were combined.

### **Culminating Activity/Competition (20 minutes):**

- Each team presents their findings from the missions, showcasing their artistic creations or describing their color-identification skills.
- The class votes for the most creative Rainbow Raider team or the team that best demonstrated understanding of color mixing.

### **Wrap-up (10 minutes):**

- Recap the lessons learned about primary and secondary colors, emphasizing the magic of color mixing.
- Discuss how colors can evoke different emotions and tell stories.
- Introduce the post-lesson activity: decorating Rainbow Raider badges.

### **Post Wrap-up (15 minutes):**

- Provide each student with a printable badge template (see below) featuring a blank outline of a Rainbow Raider.
- Students can decorate their badges using crayons, markers, or other materials, showcasing their favorite colors and discoveries from the lesson.
- Encourage them to wear their badges with pride, becoming real-life Rainbow Raiders who spread the colorful joy of learning!

### **Homework/Extended Learning:**

- **Rainbow Scavenger Hunt:** Send students on a mini scavenger hunt around their home or classroom, asking them to find and list objects of specific colors or color combinations (e.g., find something red and blue, something yellow that makes you happy, something green that grows).
- **Colorful Creations:** Encourage students to create artwork inspired by the lesson, using paints, crayons, construction paper, or even found objects. They can draw their own Rainbow Raiders, mix colors to create new shades, or build a colorful miniature world.
- **Rainbow Reading:** Select books with vibrant illustrations or stories that focus on colors (e.g., "The Very Hungry Caterpillar," "Chicka Chicka Boom Boom"). Discuss how the author uses colors to set the mood and tell the story.
- **Family Fun:** Encourage students to share their newfound knowledge with family by playing color-themed games like "I Spy" or "Simon Says." They can even create a family Rainbow Raider scavenger hunt in their neighborhood!
- **"Color My World" Journal:** Provide students with a small notebook and encourage them to keep a "Color My World" journal. They can write short entries about their favorite colors, draw colorful pictures, or even record observations of the world around them, focusing on the different colors they encounter.