

PRE-**K**

Each lesson plan is accompanied by popular educational episodes found on:

**KIDDOOLETV™**



Science

# Earth to Luna: “When Yellow Met Blue

# Curriculum Connection:



## Science

This lesson will introduce students to **the concept of primary colors** (red, blue, yellow) and their role as the building blocks for all other colors in the color spectrum.

Students will learn that primary colors cannot be created by mixing other colors and that they form the foundation for color mixing.

## Visual Arts:

This lesson will **explore color theory** and provide students with hands-on opportunities to experiment with color mixing.

Students will learn how to mix primary colors to create secondary colors (e.g., green, purple, orange) and various shades and hues.

## Language Arts:

In this lesson, students will demonstrate **listening and comprehension** while watching the Kidoodle.TV episode *"Earth to Luna: When Yellow Met Blue"*.

Through the episode, they will understand how Luna discovers the concept of color mixing, specifically how blue and yellow combine to create green.

Scan to watch the episode:



# Learning Goals:

1

## Science:

Students will identify and name primary colors (red, blue, yellow).

Students will understand that primary colors cannot be created by mixing other colors. Students will explore color mixing and observe how different colors combine to create new colors.

2

## Visual Arts:

Students will demonstrate their understanding of color theory by mixing primary colors to create secondary colors (e.g., green, purple, orange).

Students will engage in hands-on art activities to experiment with color mixing and create various shades and hues.

3

## Language Arts:

Students will actively engage in the Kidoodle.TV episode "Earth to Luna: When Yellow Met Blue" to develop listening skills.

Students will comprehend the episode's content and understand how mixing blue and yellow creates green, reinforcing their comprehension abilities.

Students will participate in discussions about color mixing, enhancing their oral communication skills.

Scan to watch the episode:



# Materials:

S01 E102

## Earth to Luna When Yellow met Blue

Access this episode free on:

KIDDOOLETV™



Play episode 

### Lesson Supplies:

- "Earth to Luna: S01E102 "When Yellow Met Blue"
- Three glasses of water
- Food coloring (red, yellow, blue)
- Mixing spoons
- Whiteboard or chart paper
- Markers
- Paintbrushes
- Paint in primary colors (red, blue, yellow) – enough for each group of students to share
- Mixing palettes or paper plates
- Color Mixing Activity Sheet (provided) – one per student
- Paper towels or napkins



# Lesson:

## Whole Class Color Mixing Experiment:

Set up three glasses of water in front of the class.

Add a few drops of red food coloring to one glass, yellow food coloring to another, and blue food coloring to the third glass.

Discuss with the students the colors they see in each glass (red, yellow, blue).

Invite the students to predict what will happen when two colors are mixed together. Begin with red and yellow, mix them in a separate container, and observe the resulting orange color. Do the same for the other two primary color combinations (blue + yellow = green, red + blue = purple). Discuss each secondary color as it is created.

## Viewing of episode "Earth to Luna: When Yellow Met Blue":

Encourage students to pay attention to how Luna discovers why her sun in the painting turned green and learns about mixing blue and yellow to create green.

## Hands-on Color Mixing Activity:

Distribute paint, paintbrushes, and mixing palettes or paper plates to each student.

Instruct the students to use the primary colors (red, blue, yellow) to complete the Color Mixing Activity Sheet (provided) by mixing and painting the corresponding secondary colors.

## Conclusion:

Gather the students back together and review the primary colors and the secondary colors they created through the experiment and activity.

Ask the students about their observations and experiences with color mixing. Highlight that by mixing primary colors, they can create many beautiful colors for their artwork.

## Extension:

Encourage students to practice color mixing at home using different materials, such as crayons or colored pencils. Additionally, ask students to create a simple artwork that showcases their understanding of primary colors and color mixing.

### Assessment

Observe the students' engagement and participation during the color mixing experiment and hands-on activity. Check if the students can correctly identify the primary colors and explain the process of creating secondary colors.



Scan to watch the episode:



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