

Lesson Plan Title

Warm and Cool Planets

Grade Level

2nd grade

Subject Area

Science

MSCCRS

E.2.8.3 Observe and compare the details in images of the moon and planets using the perspective of the naked eye, telescopes, and data from space to exploration.

Art Form

Visual Art

MSCCR Creative Arts Standards

VA: Cr1.2.2 Generate and conceptualize artistic ideas and work.

a. Make art or design with various materials and tools to explore personal interests, questions, and curiosity.

VA: Cr2.1.2 Organize and develop artistic ideas and work.

a. Experiment with various materials and tools to explore personal interests in a work of art or design.

Duration

1 Hour - could be broken into 2 sessions.

Materials

Images of the planets in sequential order with the sun (attached)

Warm and cool colors color wheel (attached)

White poster board

Warm color paints (reds, oranges, yellows, browns)

Cool color paints (greens, blues, purples)

Glitter (optional but if used should be warm and cool colors as well)

Objectives

Students will understand that there are eight planets.

Students will understand that each planet is made up of different details.

Students will understand warm and cool colors.

Vocabulary

Warm colors
Cool colors
Planets
Solar system

Lesson Description

Introduce warm and cool colors to the students. Create an anchor chart with students to help to identify given colors as warm or cool colors.

Name a color out loud and have students identify it as a warm or cool color.

Introduce the solar system and the eight planets that make up the solar system. Show the students the picture of the planets in sequential order to the sun.

At this time have students break into small groups. Each small group should have a white poster board.

The small groups may each choose a different planet, or the teacher may assign a planet to each group.

The teacher and students will discuss how Mars is a warm-colored planet, and all of the details on Mars are warm colors as well. The teacher will explain that if Mars were her planet, all the paints she would use would be warm colors to recreate Mars. The teacher will remind students to make sense of their colors in perspective to warm and cool colors.

Each small group will work together to recreate their assigned or chosen planet using paint, paintbrushes, and glitter (optional).

Upon completion of the planets, students would present their planet to the class and identify the color of it as warm or cool.

Recommended Resources





Extended Learning Activities

Expand on this lesson when introducing that scientists are humans who use observations to learn about space.

Students may also be provided with a color wheel that is already drawn. From there, students can mix and place the paint colors on the drawn color wheel.

Sources

<https://www.pinterest.com/pin/13510867608608872/>

<https://www.shutterstock.com/image-vector/vector-illustration-space-universe-cute-cartoon-1205395612>

Tips

May work best following up a lesson on the solar system or outer space.

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