

# Color Vocabulary

Color Wheel - A circular, two-dimensional model showing color relationships, originating from Sir Isaac Newton's bending of the straight array of spectral hues in to a circle.

Sir Isaac Newton – created the color wheel

Prism – An object that electromagnetic waves are refracted from to produce color

Visual Spectrum – Color is measured in wavelengths called nanometers. Red has the longest and violet has the shortest. The color wheel was created by joining the two ends of the spectrum.

3 Properties of Color – Hue, Value, Chroma (intensity)

Hue – Another word for color

Values of a Color – Lightness and darkness of a color

Intense Color – Pure color with no other color added (quality of brightness and purity)

Dull Colors – a little of a color added to its complement color

Mixing Colors – red & yellow = orange, red & blue = violet, blue & yellow = green

Primary Mixing Colors – Produce secondary colors

(OVER)

Secondary Colors - green, orange, violet

Primary Colors - red, yellow, blue

Intermediate Colors – When one primary color is mixed with a secondary color

Complementary Colors - Colors opposite each other on the color wheel

Analogous Colors – 3 to 4 colors next to each other on the color wheel

Monochromatic Color – Color scheme using tints and shades of one color

Cool Colors – blue, green, violet

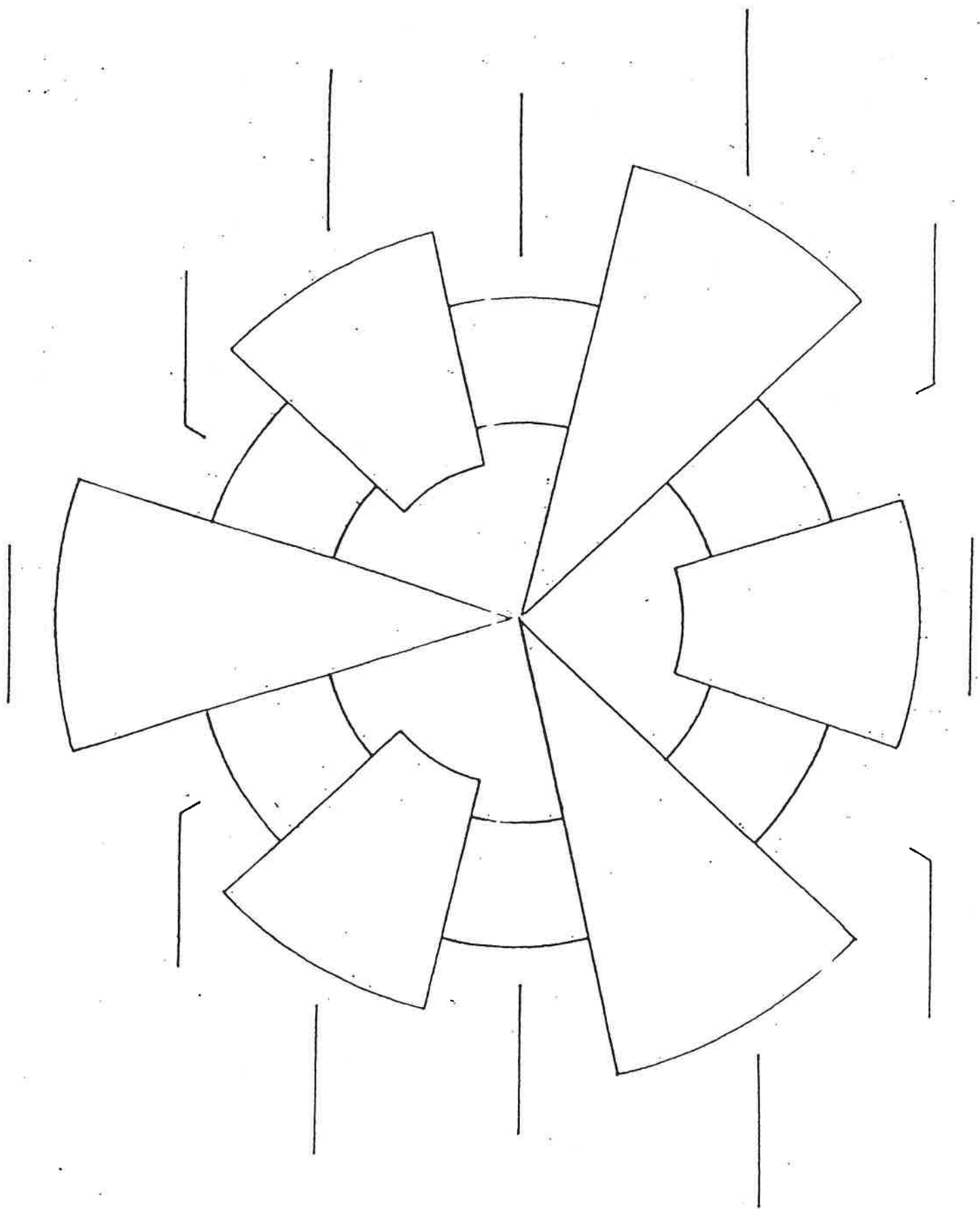
Warm Colors – red, yellow, orange

Tint – Color added to white

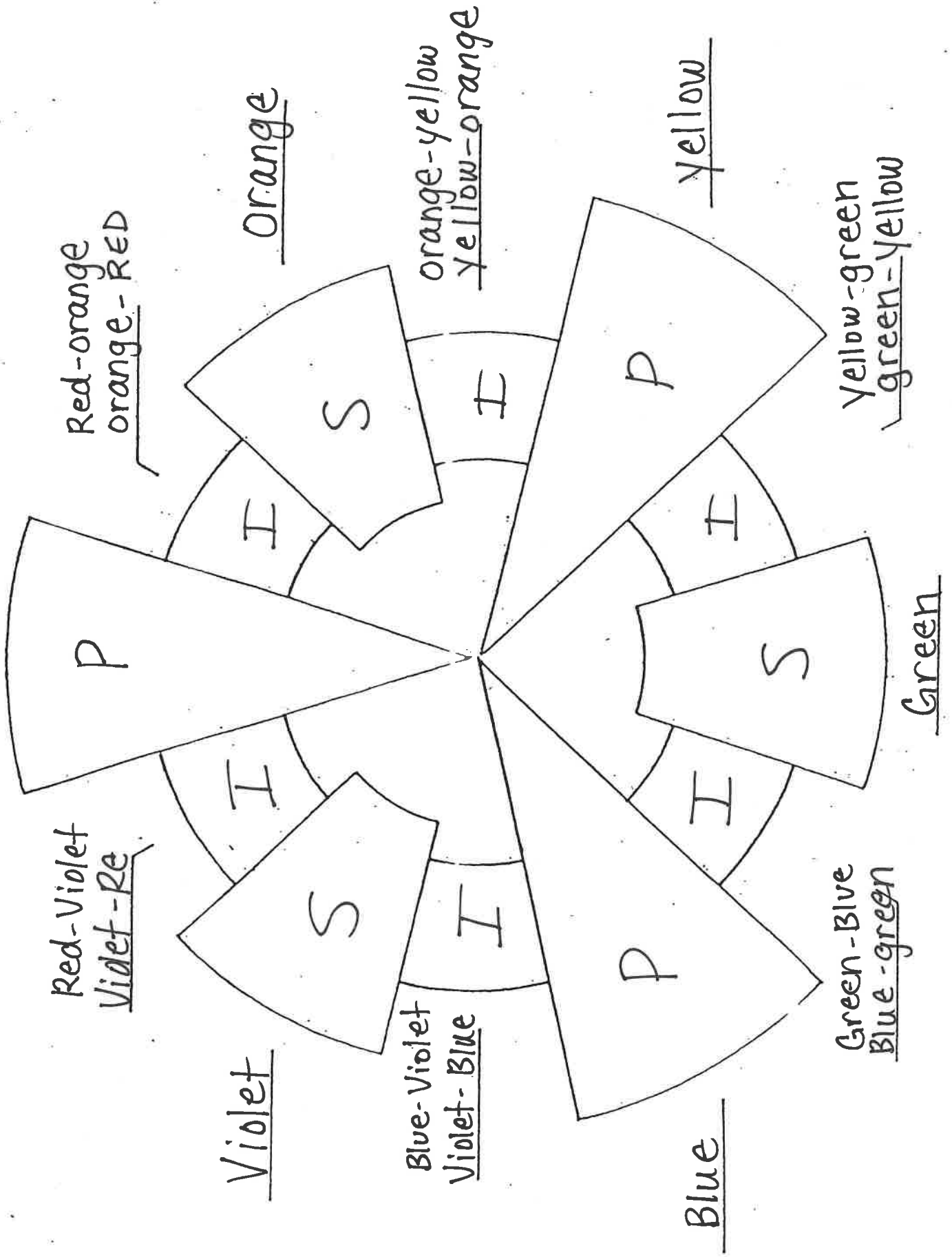
Shade – black added to color

Neutral Colors – black, white, gray, brown

***Color is the most powerful tool at the artist's disposal!!!***



RED



NAME \_\_\_\_\_ DATE \_\_\_\_\_

CLASS \_\_\_\_\_ TEACHER \_\_\_\_\_

## THE COMPONENTS OF COLOR

A color is defined by three standard characteristics: hue, value, and intensity. Below, write your understanding of what each of these is and then note an example. In the box, paint or color a sample of each.

1. What is hue? \_\_\_\_\_

Write an example of hue. \_\_\_\_\_

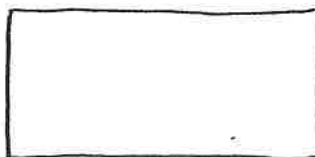
In this box, paint or color an example  
of hue.



2. What is color value? \_\_\_\_\_

Write an example of color value. \_\_\_\_\_

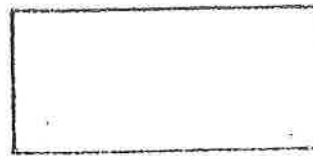
In this box, paint or color an example  
of color value.



3. What is color intensity? \_\_\_\_\_

Write an example of color intensity. \_\_\_\_\_

In this box, paint or color an example  
of color intensity.



NAME \_\_\_\_\_ DATE \_\_\_\_\_

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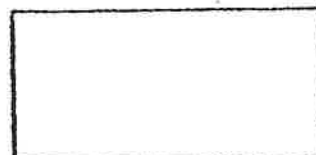
## THE COMPONENTS OF COLOR

A color is defined by three standard characteristics: hue, value, and intensity. Below, write your understanding of what each of these is and then note an example. In the box, paint or color a sample of each.

1. What is hue? The color quality identified by color names  
This is determined by its wavelengths.

Write an example of hue. \_\_\_\_\_

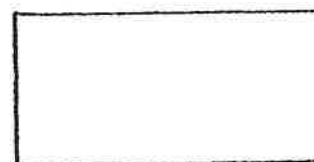
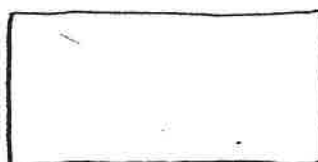
In this box, paint or color an example of hue.



2. What is color value? Lightness and Darkness of a color  
Tint - White      Shade - Black

Write an example of color value. \_\_\_\_\_

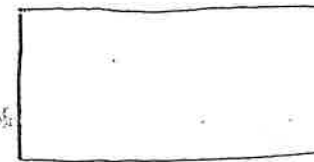
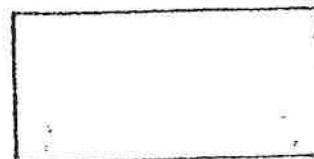
In this box, paint or color an example of color value.



3. What is color intensity? (Chroma) can range from Brilliant to dull  
Pure Color - No other color added is an intense color

Write an example of color intensity. \_\_\_\_\_

In this box, paint or color an example of color intensity.



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## THE COMPONENTS OF COLOR

A color is defined by three standard characteristics: hue, value, and intensity. Below, write your understanding of what each of these is and then note an example. In the box, paint or color a sample of each.

1. What is hue? The color quality, identified by color names.  
This is determined by its wavelengths.

Write an example of hue. red

In this box, paint or color an example of hue.



2. What is color value? Lightness & Darkness of a color  
Tints - add white    Shades - add black

Write an example of color value. Light Red / Dark Red

In this box, paint or color an example of color value.



3. What is color intensity? (Chroma) can range from Brilliant to dull.  
Pure color w/ no other color added is an intense color

Write an example of color intensity. red / green (complementary colors)

In this box, paint or color an example of color intensity.



