

# COLOR LAB

## Part 1:

Use a light box or light sticks to mix three primary colors of light and the secondary colors of light in all the possible combinations.

Record your results two ways – make full color drawings of what you observed (see Figure 1 below), and also record your results in a data table.

## Part 2:

Use an overhead projector and overlap color gels to mix the primary colors of pigment with both the primary colors of pigment and the primary colors of light.

Record your results two ways – make full color drawings of what you observed (see Figure 2 below), and also record your results in a data table.

## Part 3:

Use a hand held microscope to view two different samples of color printing (boxes, cartoon strips, etc.). Make two drawings for each. Draw the color(s) that you see with the naked eye and then draw what you see with the hand held microscope (see Figure 3 below).

## Part 4:

Look at ordinary objects of four different colors (one should be white) through the primary and secondary color gels and record your observations in a data table.

## EXAMPLES OF DRAWINGS:

Figure 1

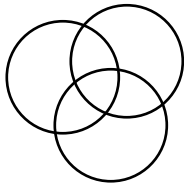


Figure 2

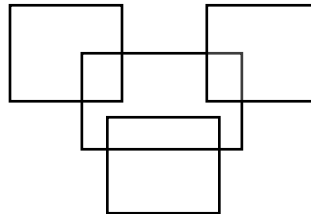


Figure 3

