



TEACHER'S GUIDE

GLE# GRADE

Objective: To understand which primary colors mix to make the secondary colors.

Materials: Snack size zip lock bags, shaving crème, and a box of food colors.

Introduction: The teacher will explain that in order to make the secondary colors which are purple, green, and orange they must mix the primary colors. The teacher will demonstrate by using color paddles held up to the light demonstrating by placing the red paddle over the yellow paddle to make an orange paddle.

Procedure: The teacher will provide each student with a snack size zip lock bag containing a small amount of shaving crème. The teacher will then drop two drops of each primary color (two drops blue and two drops red) into each of the student's zip lock bags zipping the bag shut. The students will be instructed to carefully blend the colors into the crème with their fingers causing the crème to turn into the secondary color (blue and red will be purple).

Enrichment: Teacher will provide a Venn diagram that can be drawn on a window shade or a large piece of cardboard. Two of the circles will be labeled two of the primary colors (one will read Red and the second one will read Blue). The middle section will be labeled the secondary color made from the two listed primary colors (the middle section will be labeled Blue and Red=Purple). The teacher will give the student colored objects to sort into the appropriate circles. All red objects are placed in the labeled Red circle, all blue objects are placed in the labeled Blue circle, and all objects containing red and blue which will be purple will be placed in the middle section labeled Blue and Red=Purple.

Assessment: The teacher will observe the children's work and ask each student to orally tell the class what color you make when you mix red and blue, continuing through all the secondary colors. In observing the objects placed in the Venn diagram, the teacher will be able to assess the students understanding of the concept.