

Yellow and Green Make Blue

Setup:

Place 3 small glasses or jars on the table. Leave glasses #1 & #2 empty and put ¼ tsp of bleach in glass #3. Test your formulation first, as different brands of food coloring may require more or less bleach to completely bleach out.

Script:

Will these boys please come forward with their parents. (read names)

These boys stand here today to receive their ____ rank badge.

To Boys: Have you completed all of your requirements to the best of your ability?

Wait for boys to answer

In art we learn that the three primary colors are Red, Yellow, and Blue. You have also learned that if you mix two of the primary colors you get a third color. Red and blue make _____ (wait for boys to answer). Red and yellow make _____ (wait for boys to answer). Yellow and blue make _____ (wait for boys to answer).

There's a legend that says when a Cub Scout receives this rank, that his Cub Scout spirit will be so strong that strange things can happen. Now, we already know that if we mix yellow and blue we get green. But what I'm going to show you now is what happens when we mix yellow and green and throw in a whole bunch of Cub Scout Spirit.

Give These Directions to Cub Scouts...

- *Put 1 drop of yellow food coloring in glass #1*
- *Add water to glass #1*
- *Put 1 drop of green food coloring in glass #2*
- *Add water to glass #2*

Now before we mix the yellow and green, we need to get the Cub Scout Spirit flowing out of us.

Lead the pack in a cheer

Give These Directions to Cub Scouts...

- *Very carefully pour contents of Glasses # 1 & # 2 into glass #3.*
- *While they do this everyone should yell "Do Your Best" as loud as you can.*

The bleach will slowly bleach out the yellow food coloring, leaving blue behind. Note that this may take a few moments, and may give the boys a chance to reflect on their efforts!

Wow! You guys must have lots & lots of Cub Scout Spirit! Congratulations on earning your rank.

Over a period of 5-15 minutes, the blue will also be bleached out so the completed demonstration should be removed from view.