

Color Mixing and Fine Motor Development

Color mixing is fun for children of all ages! Besides learning colors, using the medicine dropper demands concentration and focus that will be essential for your child's whole life. These are activities that they will want to do over and over again, plus, the dye is non-toxic, washable, and so fun to watch fizzle!

Introduction To A Medicine Dropper - This activity is mostly about developing the fine motor skills for using the medicine dropper. Use the two small beakers and the medicine dropper. Model squeezing the dropper to empty the air and allow it to suck up the water in one of the beakers. Transfer water from one beaker to the other, then allow your child to do it themselves. Switch to the dropper lid to add a layer of difficulty.

Color Mixing With Primary Colors - Fill test tubes halfway with water and prepare the dropper bottles with each of the primary color dyes. Allow your child to explore mixing the primary colors together.

Color Mixing Using Secondary Colors - Allow your child to mix the colors, first demonstrating that when you mix 2 of the primary colors together, you get a secondary color. For example, mix blue and yellow together to get green. Add equal amounts of each color at first, and then experiment with adding different amounts to see how the colors change. Allow your child to explore.

Color Grading: Using Different Amounts Of Single Colors - This shows how a single color can change depending on how much of it you put in the test tubes. Start with just a few drops in the first test tube, gradually increasing the amount you use in each subsequent test tube to really show the variation in color.

Creating Colors That Match The Color Tablets - This can be a simple activity for younger children; they can just make the color that is close. For older children it can be more of a challenge, since they have to experiment to find out how much to use to make it the right shade to match.

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