

Kitchen Paint Challenge!

<p>STEM FOCUS</p>	<p><i>[S] Science:</i> <i>What kitchen foods and spices have color? How can we use water and/or blending to dilute or transform the solid food/powder into a Liquid?</i></p>	
<p>GOAL</p>	<p>Learners will look in the kitchen to find what foods and spices have bright colors. Learners will dilute or transform these kitchen spices and foods to create a new liquid base for DIY non-toxic ecofriendly paint</p>	
<p>STEPS</p>	<p>Instructors [Parent]</p> <ol style="list-style-type: none"> 1. Gather the materials to the left and select a space safe for painting 2. Play Carla & Liv KIDS Video 3. Mix 1/3 instant coffee or cocoa powder with 1 cup for a lighter brown paint color 4. Mix 1/3 instant coffee or cocoa powder with ½ cup for a darker brown paint color. Mix and add cocoa powder or coffee to find the shades you like best! 5. Alternatively, brew dark coffee in your favorite coffee maker and let it cool. For best results brew very dark coffee and leave overnight 6. Take paintbrushes and paper plates. Flip paper plates over for a more “rough” side and begin painting! <p>Extra Challenge: I-Spy something brown! Try to draw natural or eco-based brown animals, plants, and objects. [Tree, Leaf, Dog, Cat, Mountain]</p> <p>[Optional] For additional colors watch https://www.youtube.com/watch?v=JttnWHnmtm0 GREEN: Boil/Steam Spinach Leaves or boil hot water and add the spinach leaves. Press spinach leaves against mesh collider RED: Chop Strawberries and press with a fork against a mesh collider YELLOW: Mix ¼ Cup Turmeric with 1/3 Cup of Water</p>	<p>Materials</p> <ul style="list-style-type: none"> ☉ Coffee Grinds or Cocoa Powder [Brown] ☉ Water ☉ Paint Brushes or Sponges for natural alternative ☉ Paper Plates ☉ Cardboard Scraps ☉ Computer Paper, Notebook Paper [Note this works best on thicker yet less waxy paper] <p>[Optional] for additional colors</p> <ul style="list-style-type: none"> ☉ Raw Spinach [Green] ☉ Pre-Sliced Strawberries [Red] ☉ Turmeric [Yellow] ☉ Mesh Collider or Coffee Filter ☉ Bowls/Cups <p>[Optional] to add to painted work</p> <ul style="list-style-type: none"> ☉ Sticky Notes ☉ Scissors ☉ Newspapers or Magazines
<p>SOURCE</p>	<p>The Dad Lab: https://www.youtube.com/watch?v=JttnWHnmtm0</p>	