## ACTIVITY AT A GLANCE

### Goal(s):
- Explore the visual properties of pigments (colors) found in food
- Use our sense of sight to create paint that is brightly colored and will spread evenly

### Materials:
- Paper
- Cups
- Spoons
- Water
- Brush and/or fingers
- Spices like turmeric, paprika, chili powder, cinnamon, cloves, etc.
- Flour
- Microwave (optional)

### New Word(s)
- Pigment
- Binder
- Solvent

### NYS Arts Learning Standards (select no more than 2 - student audiences only)
3rd VA:Cr2.1.3 a. Create artwork using a variety of artistic processes and materials.

## STEPS

<table>
<thead>
<tr>
<th>Step #1</th>
<th>Collect a mix of spices like the ones listed in Materials.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Step #2</td>
<td>Fill a cup a quarter of the way with water and add a spoon of your spice. The water is the solvent, the thing that makes our paint spreadable. The spice is the pigment, the thing that gives paint color.</td>
</tr>
<tr>
<td>Step #3</td>
<td>Add a spoon of flour at a time and mix until you get a consistency like runny pancake batter or dosa batter. The flour acts as a binder or a glue to hold the paint together.</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>Step #4</td>
<td>If the mixture seems too thick, add more water. If it seems too light in color, add more spice. If it seems too thin, add a touch more flour.</td>
</tr>
<tr>
<td>Step #5</td>
<td>As you go and once your paints are made, make some test marks in the Workbook Zine or on a separate sheet of paper. (Instructions for folding the Workbook Zine after printing can be found in Lesson Plan 4: Smell) From here you can adjust your paints if you need by adding more flour, water, or spice.</td>
</tr>
<tr>
<td>Step #6</td>
<td>Finally, use your fingers or brushes to paint a food your family makes or eats that is the same color as the paint you made! You can draw it with a pencil first, but you don’t have to!</td>
</tr>
<tr>
<td>Step #7</td>
<td>Leave the painting to air dry or put in the microwave for five seconds at a time till paint is dry to the touch.</td>
</tr>
</tbody>
</table>

**Activity Modifications (as needed):**
In addition to fingers, cotton swabs and cotton balls can be used instead of paintbrushes.

**Bonus**
Try creating your own unique colors by mixing a few different pigments (spices) in the same cup.