



Lesson: Puffy Sidewalk Chalk

Materials/Ingredients:

- Large Mixing bowl
- Measuring spoons
- Measuring cups
- Whisk
- Funnel
- Squeeze bottle(s)
- Flour
- Water
- Food coloring
- Dishwashing soap

Directions:

Preparation and use:

- Step 1. In the large mixing bowl mix one cup of flour with one cup of water
- Step 2. Add one tablespoon of dish soap
- Step 3. Mix well until all clumps are gone and the mixture is nice and smooth
- Step 4. Add your desired color of food coloring, mix well to blend
- Step 5. Take a funnel and pour the chalk mixture into a squeeze bottle
- Step 6. Go outside and draw on your sidewalk or driveway

Possible Lesson Targets:

Requesting	Commenting	Following Directions	Possible Skills to Teach
<ul style="list-style-type: none"> - Bowl - Measuring cups - Measuring spoons - Flour - Water - Food coloring (by specific color) - Squeeze bottle - Funnel - Whisk - Dish soap - Stir - Pour 	<ul style="list-style-type: none"> - This is fun! - I am making a circle! - I see ____. - It is a ____. - I like ____. - I don't like ____. 	<ul style="list-style-type: none"> - Get the ____. - Put in - Stir - Pour - Squeeze 	<ul style="list-style-type: none"> - Waiting (especially if you are making with more than one learner) - Increased time on task** and engagement with materials - Following a visual recipe - Responding yes/no (when choosing colors) - Asking for help with squeeze bottle



Supplemental Activities:

You can extend this lesson to incorporate a fun science experiment or to teach about colors:

- If you want to make orange paint just mix red with yellow
- If you want to make purple paint just mix red with blue
- If you want to make green paint just mix yellow with blue.

A fun book to go with this lesson is Mouse Paint by Ellen Stoll Walsh.

<https://www.youtube.com/watch?v=AjohJiyvA0Q>

Special Notes:

- The recipe is only good for one day so only prepare the chalk when you are ready to use it.
- Be sure to clean out bottle(s) after use. Do not leave the chalk inside the squeeze bottle(s) overnight, the pressure from the mixture may cause the top to pop off.
- When you are finished playing, clean the surface with a garden hose. The dish soap in the mixture helps with easy clean up. Do not allow the mixture to dry in the sun. You may need a brush to clean the chalk off of the surface.

Helpful Websites:

www.thebestideasforkids.com