



Family Projects: Making Your Own Sidewalk Chalk



	red	yellow	green	blue	neon pink	neon green	neon blue	neon purple	
red *	10								
antique rose	6							2	
raspberry					2				1
neon pink *					10				
orange	4	4							
pumpkin					2	8			
bronze		4						4	
coral	2	5							
yellow *		10							
acid green		2				6			
neon green *						10			
olive		3		2		3		1	
green *			10						
emerald		3	6	1					
spruce						2	5		
teal						2	9	1	
blue *				10					
iris				6				2	
neon blue *							10		
purple				7	3				
neon purple *								10	
twilight	7			3					
navy	2			10					

Overview

- **Page 2:** Instructions for sidewalk chalk paint, ice, and squirt bottles – easy for everyone!
- **Page 3:** Color mixing instructions for food coloring that yields more variety such as black and brown.
- **Page 4:** Instructions for making your own chalk sticks- a little more advanced but just as fun!

Supplies:

For liquid chalk paint: cornstarch, food coloring (pro-tip: buy the normal colors & neon to get more color range), muffin tin, ice tray (optional), squirt bottles (optional), paint brushes.

For chalk sticks: Plaster of Paris (most hardware stores and online), toilet paper cardboard, tape, acrylic or tempera paint.

Share your results on Instagram and Facebook! Use the hashtag #schweinfurthartcenter



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coral	2	5						
yellow *		10						
acid green		2				6		
neon green *						10		
olive		3		2		3		1
green *			10					
emerald		3	6	1				
spruce						2	5	
teal						2	9	1
blue *				10				
iris				6				2
neon blue *							10	
purple				7	3			
neon purple *								10
twilight	7			3				
navy	2			10				

PAINT, ICE, AND SPLASH!

Supplies: cornstarch, food coloring (pro-tip: buy the normal colors & neon to get more color range), muffin tin, ice tray (optional), squirt bottles (optional), paint brushes.

- Add 1 cup of water to 1 cup of cornstarch and mix until there are no lumps.
- Pour mixture into muffin tin, or ice tray, or squirt bottles
- Add food coloring (see page 3 for color recipes)

You can then freeze the ice tray and allow the ice to melt in fun patterns, paint with brushes from the tin – or squirt & splash on the sidewalk. However, the cornstarch will attempt to harden as you go. If you are painting- keep stirring the bottom of the tray. If you are using squirt bottles, keep shaking the bottle. Spray bottles will clog- squirt bottles work best.



Making Your Own Sidewalk Chalk: Food Coloring Charts

	red	yellow	green	blue	neon pink	neon green	neon blue	neon purple
red *	10							
antique rose	6							2
raspberry					2			1
neon pink *					10			
orange	4	4						
pumpkin					2	8		
bronze		4						4
coral	2	5						
yellow *		10						
acid green		2				6		
neon green *						10		
olive		3		2		3		1
green *			10					
emerald		3	6	1				
spruce						2	5	
teal						2	9	1
blue *				10				
iris				6				2
neon blue *							10	
purple				7	3			
neon purple *								10
twilight	7			3				
navy	2			10				

Number of Drops

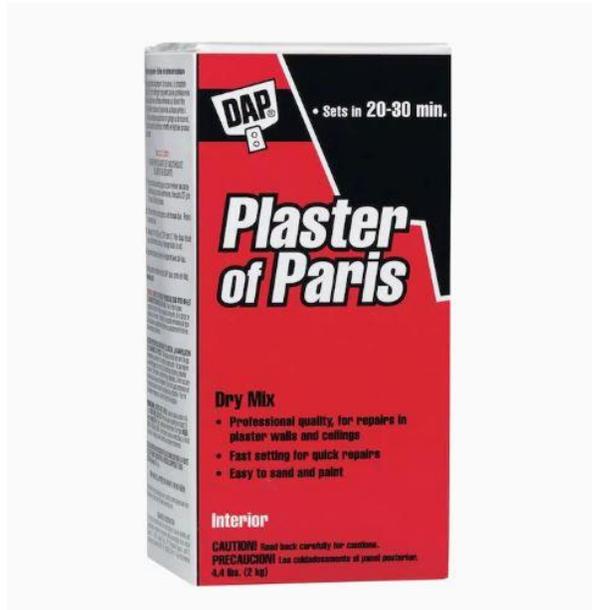
Green Yellow Blue Red

Green	20			
Yellow		20		
Blue			20	
Red				20
Purple (Orchid)			1	5
Peach		3		1
Orange		5		3
Lime	1	3		
Brown	3	4		3
Turquoise	1		4	

Green	48			
Yellow		48		
Blue			48	
Red				48
Purple (Orchid)			16	24
Orange		48		8
Pink*				8
Black*		12	12	12



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yellow *		10							
acid green		2				6			
neon green *						10			
olive		3		2		3		1	
green *			10						
emerald		3	6	1					
spruce						2	5		
teal						2	9	1	
blue *				10					
iris				6				2	
neon blue *							10		
purple				7	3				
neon purple *								10	
twilight	7			3					
navy	2			10					

Making chalk!

Supplies: Plaster of Paris (most hardware stores and online), toilet paper cardboard (or those fun silicone shape molds), tape, acrylic or tempera paint (tempera works best- the cheaper the paint-the better).

- Prepare your “mold”, the toilet paper roll, by taping the bottom
- Add 1 cup of Plaster of Paris for every 3/4 cup of water in mixing bowl
- Tip- add plaster in by sprinkling it over the surface and allowing it to sink in water
- Quickly mix in your paint to the desired color- you don't have a lot of time before the plaster starts to set.
- Pour mixture into toilet paper roll and gently tap to get bubbles to come to the surface
- Let set until completely hard- then remove cardboard and tape!