

New NO.19

Let's Do Handprinting Using Soap



Make handprint to paper that is dyed in curry powder by using hand with soap solution.



Point

Curry powder(turmeric) contains curcumin pigment



Preparation



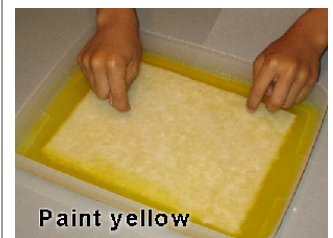
- curry powder (You may use turmeric)
- Japanese paper or cooking paper
- A rectangular container • soap
- 100% grape juice (purple vegetables juice etc...)



✿ Make curry powder(turmeric) paper ✿

1

- Pour water on the container about 1cm deep. Sprinkle curry powder(turmeric) and mix it until the water become yellow.

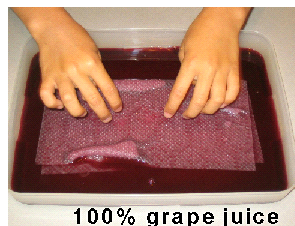


2

- Gently dip the Japanese paper on the water with curry powder.

3





- Let's dye using grape juice, too.



4

- Get the paper from turmeric and grape juice.
Let's dry the paper. When it is already dry sandwich it to newspaper.

✿Let's do handprinting✿

1	<ul style="list-style-type: none"> • Apply soap on your palm very well. 	 <p>Got soap on hand</p>	 <p>Press your hand firmly</p>
2	<ul style="list-style-type: none"> • Press your hand with soap solution firmly to curry paper. 		
3	<ul style="list-style-type: none"> • Try pressing it into grape juice paper too. 	 <p>Green handprint</p> <p>Grape juice paper</p>	 <p>Grape juice paper</p> <p>Curry paper</p>
4	<ul style="list-style-type: none"> • Hand printing is finish. 		

💡 Information

- ✦ Curry powder contains spice turmeric. (The Japanese name for turmeric is “ukon”)
- ✦ Turmeric contains curcumin a substance that turns into red when mix with alkaline solution and yellow when mix with acid and neutral solution.
- ✦ Soap is an alkaline when dissolve in water.
- ✦ As a result, your hand print color is red when it is covered by soap solution and press it to curry paper.
- ✦ Grape juice contains pigment anthocyanin.
- ✦ You can get green handprint when you press your hand with soap solution on the paper dyed by grape juice, Anthocyanin change blue or green when mix with alkaline solution. After few days, the change in color will fade.
- ✦ When you drop or add liquid(lemon juice), what color will it produce?

