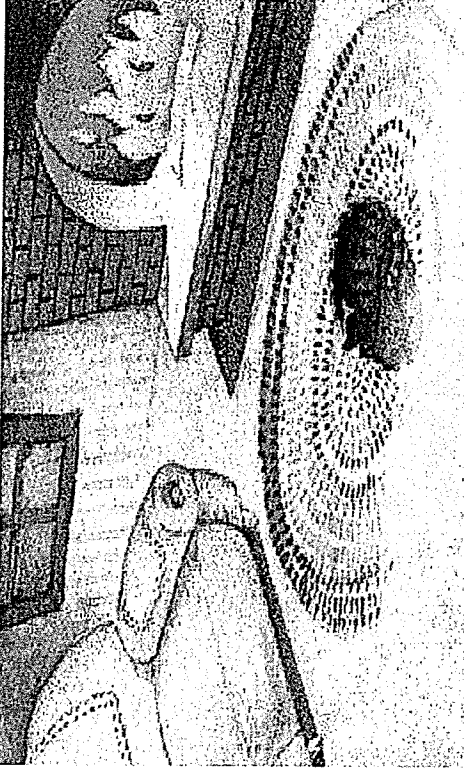


**THE HEARTH FIRE SERIES #41***Someone's in the kitchen... Making Concoctions*

**H**iding away in your kitchen are the ingredients to mix up a lot of fun! Whether you are planning to entertain your grandchildren, looking for a rainy day activity for your own children, or needing ideas for some babysitting, these recipes are sure to please the crowd! There are recipes to use for play time, snack time, or both! These ideas can also be used as an educational resource to boost basic skills.

- Use recipes to introduce fractions.
- Practice adding fractions by doubling the recipes.
- Allow the child(ren) to read the directions and follow them with as little help from you as possible.
- Write the directions out of order. See if the older children can put the directions in order and then follow them
- Do science experiments: What happens if skim milk is used for "Fireworks in the Kitchen"? What happens if cold water is used for the "Scented Play Dough"? Why do the raisins go up and down in "Dancing Raisins"? There are lots of possible questions to ask!



*The Hearth Fire Series has been awarded  
the NEHC Seal of Approval*

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*Enjoy creating laughter, memories, and something to eat or keep!*

## **Recipes for play time**

### **Fireworks in the Kitchen**

Materials: clear dish, whole milk, clear dishwashing liquid.

Pour whole milk in the bottom of a clear dish, about ¼ inch thick. Squeeze several different colors of food coloring on the milk, one drop at a time. Use several colors. Next, carefully add one drop of clear dishwashing liquid in the center of the food coloring drops.

(For young children, put the drop in a spoon or dropper for the child to put in.)

### **Lava Lite**

Materials: jar, water, vegetable oil, salt

Pour about 3 inches of water into a jar. Pour about 1/3 cup of vegetable oil into the jar. When everything settles, add one drop of food coloring to the jar. Observe. Shake salt onto the top of the oil for 5 seconds. Observe.

### **Ooh Bleck!**

Materials: 1/3 cup water, ½ cup cornstarch

Gradually stir in the cornstarch. The liquid should become a thick gravy. Stir until lumps disappear. Soon the mixture will be able to stir like a liquid, but will be hard to the touch. **DO NOT DISPOSE DOWN THE DRAIN!**

### **Corrmeal Dough**

Ingredients: 1 ½ cups cornmeal, 1 ½ cups flour, 1 cup salt, 1 cup water

Mix all the items together. Keeps for 6 weeks in airtight container.

### **Scented Play Dough**

Ingredients: 1 cup sifted flour, 2-3 T. oil, 1 package of unsweetened powdered drink mix, ¾ cup boiling water.

Mix everything together and knead it.

5. Add water.

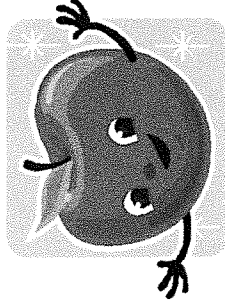
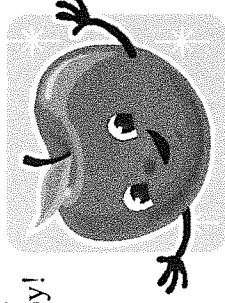
6. Cover the saucepan and cook over low heat until the apples are soft (15-20 min.)

7. Stir in the sugar and cinnamon. Add the vanilla.

8. Cover and cook 3-5 more minutes.

9. Take the pan off the heat. Let it cool. Mash the mixture with a fork.

Enjoy!



### **Bead Clay**

Materials: ¼ cup flour, ½ cup salt, ½ cup cornstarch, warm water, paint, toothpicks, string

1. Mix flour, salt, and cornstarch.

2. Add warm water gradually until the mixture forms a shape

3. Knead

4. Shape into beads, piece with toothpicks, and allow to dry.

5. Paint and put on string.

Optional: seal with polyurethane or other similar material

### Dancing Raisins

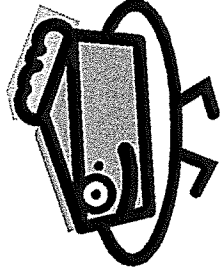
Materials: baking soda, vinegar, ¼ cup water, raisins

Gently stir 1 Tbs. of baking soda into the water. SLOWLY pour about ½ cup vinegar into this mixture. Finally, drop the raisins in. (It sometimes helps to cut the raisins in half.)

### Egg-citing Trick

Ingredients: 1 egg, 1 cup vinegar

Place the egg in a clear container. Pour vinegar into the container until the egg is covered. Let it soak for 24 hours. Watch what happens!



Kitchen fun with older children

### Easy Peanut Butter Pie

1 large package vanilla pudding  
1/3 cup peanut butter  
Ready made pie crust

Make the pudding according to package. Beat in peanut butter. Place filling in the pie crust. Bake according to the directions.

### Easy Peanut Butter Cookies

1 cup peanut butter  
¾ cup sugar  
1 egg  
1 tablespoon of flour

Mix the ingredients. Roll into balls, put them on a cookie sheet, and press them with a fork (Dip the fork into a little bowl of flour to keep the fork from sticking to the cookie dough). Bake at 350 degrees for 10 to 15 min.

### Homemade Applesauce

4 apples  
2 tablespoons water  
4 tablespoons sugar  
½ teaspoon ground cinnamon  
¼ teaspoon vanilla

1. Peel and slice off the tops and bottoms of the apples.  
2. Cut them in half, lengthwise; remove the seeds and cores.  
3. Cut each in half again. Then cut each quarter three more times.  
4. Put all the pieces in the saucepan.

### Play Dough

Ingredients: 1 cup water, ½ cup salt, 1 cup water, 3 T. oil, 2 T. cream of tartar, food coloring.

Mix everything and cook over medium to low heat ½ minute. Knead it.

### Snow Painting

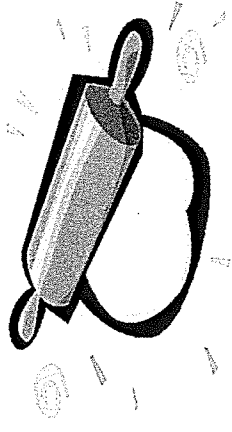
Materials: food coloring, water, spray bottles

Mix the water and food coloring: 2 ounces of food coloring with two cups water. Put into bottles and have fun spray painting the snow

### Ice Cube Painting

Materials: food coloring, water, ice cream sticks

Mix the water and food coloring. Place an ice cream stick in each cube section. Freeze and then "paint" on the type of paper of your choice.



### Shaving Cream Finger Paint

Materials: shaving cream, wax paper, food coloring

Make a small pile of shaving cream on wax paper. Put a drop of food coloring on top. Mix lightly with a spoon.

### Colored Rice

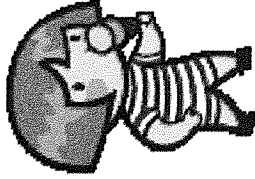
Materials: ½ cup uncooked rice, 1 tsp. vinegar, about 5 drops food coloring.

Mix everything together. Spread out on a baking sheet and bake for 45 min. at 200 degrees. When dried, glue designs on paper.

### Squeeze Balls

Blow up a balloon. With a funnel, pour in corn starch. Tie the balloon.

## Recipes for play or snack time



### Ice Cream

Materials: 1 large and 1 small zip lock bag,  $\frac{1}{2}$  cup whole milk, 1 tsp. vanilla, and 1 T. sugar, 3 T. salt and about 5 cups of ice.

Place the underlined ingredients in the small bag. Seal well. Place the small bag with the ice and salt into the large freezer bag. Shake well for about 5 min.

### Peanut Butter Play Dough

Ingredients: 1 cup peanut butter,  $\frac{1}{2}$  cups powdered milk,  $\frac{2}{3}$  cup honey. (optional: graham cracker crumbs)

### Cookie Paint

Materials: corn syrup, food coloring, sprinkles (or glitter)

Mix the corn syrup, food coloring, and glitter (use sprinkles for cookies) for each color of food coloring. Paint the mixture with a CLEAN brush on some sugar cookies. If using glitter, paint on construction paper.

### Edible Spice Play Dough

Ingredients: 2 cups flour, 2 tsp. baking powder,  $\frac{1}{3}$  cup sugar,  $\frac{1}{2}$  tsp. salt,  $\frac{1}{2}$  tsp cinnamon,  $\frac{1}{4}$  tsp. nutmeg,  $\frac{1}{3}$  cup milk or water, 4 Tbs. salad oil.

Mix all the dry ingredients. Add the milk/water and oil. Knead until the dough sticks together and forms a ball.

## Crafts to eat

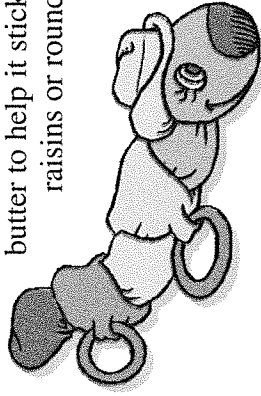
### Caterpillar

Ingredients: round crackers, peanut butter, jelly, licorice, raisins

Make the body by placing a row of round crackers together.

Cover with peanut butter and jelly. Overlap and use peanut

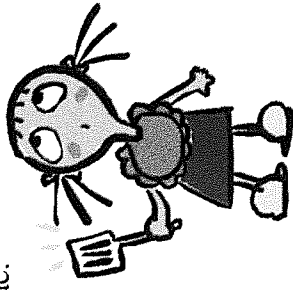
butter to help it stick together. Use licorice for the legs and raisins or round candies for the eyes.



### Butterfly

Ingredients: crème-filled cookies, yellow frosting, gum drops, licorice, fruit snacks.

Make the body with crème-filled cookies. Open two cookies and spread yellow frosting on the circles. Use 3 gum drops to connect the four open circles- two on each side. These create the butterfly's body. Next, stick two small pieces of licorice in the top gum drop in order to make the antennae. To decorate the wings, use fruit snacks.



### A Picasso Breakfast

Ingredients: butter, food coloring, bread or pancakes

Mix the food coloring with melted butter and start painting on toast or pancakes!

## Recipes to create magic

### Two Liquids Make a Solid

Materials: milk, food coloring, vinegar, sauce pan

This experiment will amaze your little one! Pour about a cup of milk with drops of food coloring in a sauce pan. Warm it up and add a couple drops of vinegar.

Stir. The milk will begin to clump together. Bring as much together as possible, take it out of the pan, and then roll it out to spread it out flat. With a cookie cutter, cut out a shape. Let it dry for a day or two. Use this recipe to make game pieces for games such as "Sorry!" or Candy Land.

### Magical Fingers

Materials: water, bowl, pepper, soap, cloth

This kitchen experiment will be fun to teach! First, (before your "audience" sees), put a drop of clear liquid soap on to a paper towel or wash cloth. Place it at your seat. When your "audience" is ready, get a bowl of water and some pepper. Tell them that you

have a special talent! You can command pepper to move! Sprinkle pepper into the bowl of water.

Discreetly wipe your finger on the cloth and

then make up some magic words to say as you

place your finger in the center of the bowl. The

pepper will quickly push away from the soap.

TA DA!

