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## PARENT LETTER FOR MAKE IT, BAKE IT AND CREATE IT SUMMER 2015

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Does your child love to mix, make and create? Then they will love this camp! Each day covers new areas of cooking, creating, science, chemistry and art. Our masterful chefs will create their snacks each day!

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### DAY 1:

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The children will learn about the equipment they will be using and have a fun relay to help them remember the names.

Next they will begin learning about yeast as they watch it grow under a microscope and see the effects it has on flour. They will make their own rolls and find out why they cannot eat flour raw. See if they remember!



Can we use the sun's energy to cook? They will find out as we make sun tea and our own solar oven. They will make yummy s'mores in their oven.



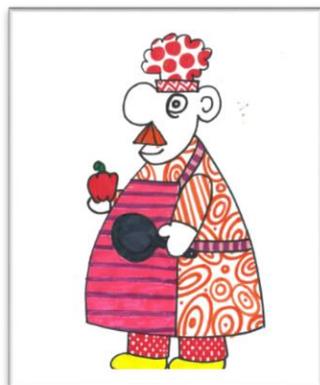
We will make a very cool explosive reaction using yeast, baking soda and more. We call it elephant tooth paste, they call it fun. They will learn about exothermic reactions with this.

The art will continue with the flour theme as they make their own play dough and create sculptures from it.

We will find out about another fungus we like to eat-Mushrooms. They will see how the spores are stored in the mushroom and look at them under the microscope!

What kind of chef do they envision themselves to be? A pizza chef? A cupcake chef? Well they will have fun as they learn some new drawing skills as they draw and use shapes and designs to outfit their chef.

We will sprout our own beans as we start an investigation of seeds.



## DAY 2:

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Here we will investigate Fruits, Acids, Bases and indicators. We will make our own indicator paper from fruits and test other fruits and substances used in cooking for their acidity.

We will make lemon fireworks from the skin of a lemon and learn how the acidic lemon can preserve other fruits.

The children will also create a secret messages with lemon juice!

Why do you think pineapple Jell-O made from fresh pineapple will not work but will work from canned? Ask your child to find out! We will enjoy eating this the next day.



We will also make our own secret messages with lemon juice!

Our art will also be all about fruit. We will fruit sculptures that we get to eat and Fruit and Vegetable prints.

## DAY 3

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Today we switch to vegetables and lots more fun reactions!

We will pop our own popcorn and make our own butter to go on top!

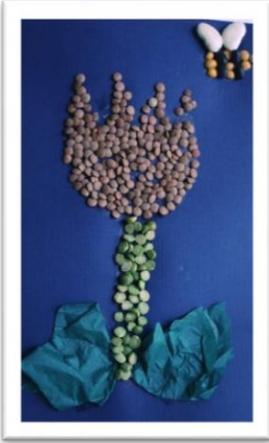
We will learn about how water goes up the xylem of the celery even when it is cut due to transpiration. Ask what color the celery became!

How did we test for the starch in vegetables? What is starch used for?



We will see what it takes to milk a potato and wilt a cucumber.

For our art today we will focus on seeds. We will make a seed picture, use seeds for a bird feeder, we will plant as seed and paint the pot and make edible fruit and vegetable art.



How important are seeds in nature? Not only are they needed for new plant growth but they are an important food source. We will help our feathered friends as we make a bird feeder.

As we resume our investigation on seeds we will find that we can create beautiful pictures using nature's variety of beans and seed. First our young scientist must learn to sort and classify the beans then decide how to incorporate them into our pictures.

Our artist will also paint a pot and plant a seed. Wait until you see how pretty that is.

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#### DAY 4

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Baking Soda Fun. What more do we need to say. We will start with King Kong's Hand where we use the famous baking soda and vinegar reaction to make our gloves expand!

We will then learn the difference in baking soda and yeast as we make cookies. The students have to explore the idea of variable and constants as they see what happens when the change key ingredients in the cookies they make.

We will then learn about color mixing as we decorate our cookies with our color wheel icing.

We will make a fun explosion with our Mentos Magic and make our own paint from milk.

The students will learn about endothermic and exothermic reactions with their fizzies and thermometers.

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#### DAY 5

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This is just what Friday deserves. ICE CREAM! We will make and eat our own ice cream, an endothermic reaction of course!

Wait until you see the beautiful creations of our still life pictures. Our young artist will use watercolor and pastels to create special effects.

First we need to check the progress on our brown sugar saver and homemade vinegar.

We will make magic mud out of corn starch, another necessary cooking ingredient.



How did we make those magical, crazy colors in milk?  
Why with a Rainbow Burst of course!

We will learn the science magic of chromatography as we use it to create a pretty rainbow.

And just to round things off, we will learn about molecules, surface tension and other fun activities. We call it learning, they call it fun!



As our final art project we will make a beautiful stained glass fish picture.

**We hope your child enjoys their week with us as much as we enjoy sharing the fun of learning with them!**