



Fire Spreads

Let children use an eyedropper to drop water on a paper towel. Watch how the water spot gets bigger even though more water is not added. Fire is like that, it spreads over an area.



**Fish Tank –**

 Fill a large plastic soft drink bottle about one quarter full with water. Add a few drops of blue food coloring and a drop (wee little drop!) of liquid detergent. Pour in a small amount of clean sand or aquarium gravel. Blow up two small balloons, release most of the air, then tie the ends closed. (We used orange balloons and the "fish" were goldfish!) Push the balloons into the bottle and screw the cap on tightly. When you have finished, you will have a fish tank with two bobbing "fish" inside. Let the children take turns holding the bottle sideways and rocking it

back and forth to

watch the fish "swim"

 in the blue water.



**Make a permanent rainbow**

1. Put water in a small dish and place the black paper in until it is submerged in at least an inch of water.
2. Add a single drop of nail varnish
3. Slowly lift paper from the water and vola a permanent rainbow

**Black paper**

**Water**

**Dish**

**Clear nail varnish**



Floating paperclip

* bowl of water
* paper towels
* paper clips
1. drop a paperclip in the water and watch it sink
2. now add a small piece of paper towel ( a little bigger than the paperclip)
3. add the paperclip to the paper towel ( it should float whilst the paper sinks)



Coloured milk

1. **Pour enough milk to cover the bottom of a small dish**
2. **Use the eye droppers to drop in small amounts of food colouring to the milk**
3. **Add a drop of dish washing liquid to the milk**
4. **Watch it move**

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**Food colouring**

**Eye droppers**

**Washing up liquid**

**Milk**

**dish**



Making sherbet

1. **Add icing sugar, citric acid, bicarbonate soda and a small dash of jelly crystals to a small dish.( alternatively can make own bags)**
2. **Mix well**
3. **Use a straw to eat.**

**2 tbs icing sugar**

**1 tbs citric acid**

**½ tsp bicarbonate soda**

**Jelly crystals for flavouring**

**straw**

Shark pepper experiment

Get a bowl of water and add pepper to it. Put a drop of soap of dish washing liquid on your finger then put finger in the water. Watch the pepper move. Add sugar to the water to see the pepper come back together.

Black pepper water

Dish washing liquid sugar

**Egg in a bottle**

* a milk bottle
* a hard boiled egg
* a small piece of paper
* a lighter or matches

Light a piece of paper and carefully place it in the bottle. Then quickly pop the egg back in the neck of the bottle. The egg will be sucked into the bottle and remain fully intact.





Squishy Play

**Marshmallows**

Melt in microwave, very sticky.

Add washing up liquid t o make

slimy and bubbly

**Mashed Potato**

Instant, allow children to mix with

Water, add food colouring.

Bubble Squish

• Pour bath foam on table add a

yogurt pot of water and mix with

hands. Continue as above.

•also could use no tears

shampoo if there is a risk of

children rubbing eyes.



Clean Mud

1 bar ‘Dove’ soap

1 roll toilet paper

 ½ gallon of water

1. In a large tub layer up toilet

roll.

2. Grate soap and sprinkle over

paper.

3. Add warm water.

4. Leave over night .

5. Use to make models.

Great dough that is very

Smooth and soft. Hardens

quickly and paints well.

**Instant Snow**

Diaper

water

first cut open a new diaper and remove the cotton wool.

Put the wool in a bowl and add water. The polymer inside the diaper is super absorbent and turns into a snow like substance.

Diaper

water



Reference:

Sensory activites from <http://www.tes.co.uk/teaching-resource/Sensory-Play-Activities-Ideas-6008165/>

Science experiments: <http://stepbystepcc.com/science.html>

Other useful sites:

<http://www.surfnetkids.com/science_experiments.htm>

<http://www.firstschoolyears.com/science/index.htm>

<http://www.bigeyedowl.co.uk/science/>

<http://pbskids.org/zoom/activities/sci/floatingpaperclips.html>