

# Image Documentation

# Recipe 1



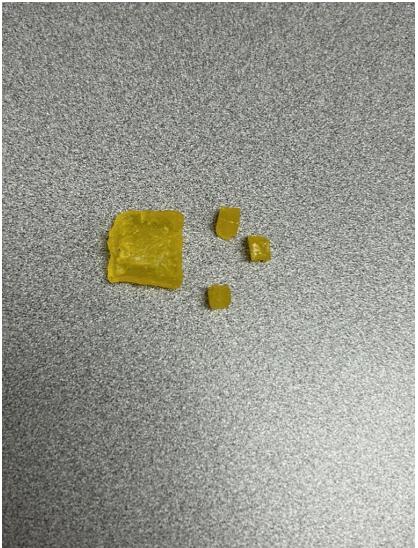
150mL cold water  
15mL vinegar  
22g cornstarch  
22g glycerol  
Heat Time – 18 mins

# Recipe 2



160mL hot water  
24g agar  
6g glycerol  
Heat Time – 8 mins

## Recipe 3



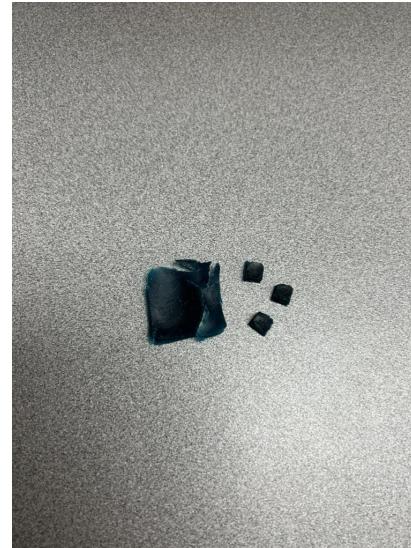
90mL cold water

8mL canola oil

40g cornstarch

Heat Time – 1.5 mins

## Recipe 4



100mL cold water

10mL vinegar

12g wheat flour

10g glycerol

Heat Time – 13 mins

## Recipe 5



100mL cold water  
10mL vinegar  
15g potato starch  
10g glycerol  
Heat Time – 10 mins

## Recipe 6



100mL cold water  
10mL vinegar  
12g tapioca starch  
10g glycerol  
Heat Time – 8 mins

## Recipe 7



100mL beetroot juice  
10mL vinegar  
14g potato starch  
10g glycerol  
Heat Time – 5 mins

## Recipe 8



120mL cold water  
24g gelatin  
6g glycerol  
Heat Time – 6 mins

# Water Samples

3/02/24



SALTWATER TANK

water in tank comes from:  
Flower Garden Banks National  
Marine Sanctuary, Gulf of  
Mexico. Tank T30.

3/02/24



FRESHWATER TANK

water in tank comes from:  
Tennessee River, Tennessee.  
Tank T19.

3/04/24



TENNESSEE RIVER

# Testing Documentation Images

## Notes for Interpreting Next Images

in each image, there is a colored scribble in the top left corner. a green scribble indicates the TN river water samples, a blue scribble indicates the saltwater tank samples, and the pink scribble indicates the freshwater tank samples.

in each image, the rows of plastics are the same. in the top row are plastics 1 through 4, in the second row are plastics 5 through 8, and the third row are the straws and spoons from different businesses. from left to right is Earth Plus Agave Straw (Sysco), Greenprint Natural Agave Biofading Straw, and Dixie Ultra Smartstock Spoon. the closed jar does not contain anything but water samples.

# When Plastics are First Put in the Samples – 03/07/2024



# Week One Testing – 03/07/2024 - 03/14/2024



# Week Two Testing – 03/14/2024 - 03/21/2024



# Week Three Testing – 03/21/2024 - 03/28/2024



# Week Four Testing – 03/28/2024 - 04/04/2024



# Week Five Testing – 04/04/2024 - 04/11/2024



# Week Six Testing – 04/11/2024 - 04/18/2024



# Week Seven Testing – 04/18/2024 - 04/25/2024



# Week Eight Testing – 04/25/2024 - 05/01/2024



# Plastics After Tampering – 05/07/2024



**Extra Images from  
Processes of  
Production**

