

**STICKY LIQUID FLOATING
EGGS, AND MAGGOTS.....**

**GROSS SCIENCE IS COMPLETELY CREEPY, DOWNRIGHT
DISGUSTING, AND LOTS OF FUN!**

DISGUSTING & GROSS



**ARE YOU READY
TO GET GROSS?**

**PLAY WITH WORMS, CREATE BLOOD, AND WATCH
A FLOATING EYEBALL. SCIENCE HAS NEVER BEEN THIS
DISGUSTINGLY FUN!**

BEFORE YOU START, read this page with your adult lab partner. Make sure you know how to conduct each experiment and keep an adult with you during all your experiments.



- Cover your work area with a plastic table cover.
- Read all of the experiment first before you dive in!
- When doing the experiments, wear safety goggles.
- Dispose of experiments by throwing them away in a trash can.
- Slime can be super messy! Keep slime off carpet, furniture, clothing, pets, toys, and little brothers and sisters.
- Clean all your equipment after finishing an experiment.

WARNING!

DO NOT EAT ANY OF YOUR EXPERIMENTS!

ALWAYS WASH YOUR HAND AFTER EACH EXPERIMENT.

#1 STICKY LIQUID WHAT YOU NEED

✓ Sodium Alginate

✓ Hot Water (80°C/176°F)

✓ Disposable Mixing Cup

✓ Stirring Stick

*Some required from home.

*You'd better advance this experiment 2-3 hours, so the sodium alginate can reach the best solution state.



HOW TO DO IT



1. Add sodium alginate and hot water in a ratio of 1:40 into the cup.

2. Constantly stir it until well mixed.

3. Use the stirring stick to lightly stick the well dissolved mixture



WHAT DO YOU FEEL? STICKY!

#2 PICKING BATH WHAT YOU NEED

- ✓ Calcium Chloride
- ✓ Experiment Tray
- ✓ Disposable Mixing Cup
- ✓ Stirring Stick

*Some required from home.

HOW TO DO IT

1. Add calcium chloride and water into the cup in a ratio of 1:10.

2. Gently stir it until well mixed.

3. Pour some solution onto the experiment tray. The picking bath is done!



#3 BLOOD!

WHAT YOU NEED

- ✓ Sodium Alginate Solution of #1
- ✓ Red Pigment
- ✓ Test Tube
- ✓ Spoon
- ✓ Stirring Stick

*Some required from home.



HOW TO DO IT

1. Spoon the Sodium Alginate Solution of #1 into the test tube.
2. Add 2 drop of red pigment and gently stir.



3. Use your hands to feel the sticky blood!

***You can smear it on scary section to prank your companions! It's so FUN!**

#4 GREEN WORM

WHAT YOU NEED

- ✓ Sodium Alginate Solution of #1
- ✓ Green Pigment
- ✓ Syringe
- ✓ Tray with Calcium Chloride Solution of #2
- ✓ Test Tube
- ✓ Storage Bottle

*Some required from home.



HOW TO DO IT

1. Spoon some Sodium Alginate Solution of #1 into the test tube.
2. Add 2 drops of green pigment and gently stir until well mixed.
3. Use the syringe to draw some green sodium alginate solution of #1 and evenly add to the tray with Calcium Chloride Solution of #2.
4. What's going on? The green worm occur! You can put them into the storage bottle.



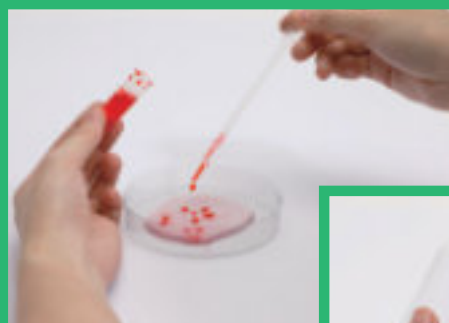
#5 ZOMBIE BLOOD DROPS WHAT YOU NEED

- ✓ Blood of #3
- ✓ Calcium Chloride Solution of #2
- ✓ Dropper
- ✓ Experiment Tray
- ✓ Empty Bottle

*Some required from home.

HOW TO DO IT

1. Clean the tray and pour some Calcium Chloride Solution of #2.



2. Use the dropper to drop the blood of #3 onto the tray. The blood drops form!

3. PUT THE BLOOD DROPS INTO THE EMPTY BOTTLE.





#6 SPOOKY EYEBALL WHAT YOU NEED

- ✓ Sodium Alginate Solution of #1
- ✓ Spoon
- ✓ Blood Drop of #5
- ✓ Calcium Chloride Solution of #2
- ✓ Disposable Mixing Cup

*Some required from home.

HOW TO DO IT

1. Pour some Calcium Chloride Solution of #2 into the cup.

2. Spoon of the Sodium Alginate Solution of #1 and add the blood drop of #5.

3. Soak the spoon into the Calcium Chloride Solution of #2 and shake it on the surface of the

4. What happen? A soft ball is formed! Just like a Eye-ball!



#7 RED EGG YOLK

WHAT YOU NEED

- ✓ Sodium Alginate Solution of #1
- ✓ Red Pigment
- ✓ Calcium Chloride Solution of #2
- ✓ Spoon
- ✓ Disposable Mixing Cup
- ✓ Storage Bag

**Some required from home.*

HOW TO DO IT

1. Pour some Calcium Chloride Solution of #2 into the cup.
2. Spoon of the Sodium Alginate Solution of #1, add 2 drops of red pigment and stir it until well mixed.
3. Soak the spoon into the Calcium Chloride Solution and shake it on the surface of the solution.
4. What you will see gradually?
A soft egg yolk form! Then you can save it into your storage bag.



#8 FLOATING EGG

WHAT YOU NEED

- ✓ Sodium Alginate Solution of #1
- ✓ Calcium Chloride
- ✓ Egg Yolk of #7
- ✓ Spoon
- ✓ Egg Mould
- ✓ Disposable Mixing Cup
- ✓ Disposable Mixing Bowl

(bigger than the egg mould)

***Some required from home.**

HOW TO DO IT

1. Add Calcium Chloride and water in a ratio of 1:10 into the bowl, stir until well mixed.



2. Pour some Sodium Alginate Solution of #1 into the egg mould.



3. Spoon the egg yolk of #7 on the top the mould and gently shake the spoon on the surface of the solution.



4. Soak the egg mould into the bowl. Gently shake your mould in the solution to accelerated molding. (* NOT use the hands to spoke it directly, or the egg will not form)

5. Gradually the egg form and press it out. The egg is **FLOATING!** Storage it into the bottle!



#10 SLIMY SLIME

WHAT YOU NEED

✓ Slime Powder

✓ Stirring Stick

✓ Disposable Mixing Cup

**Some required from home.*

HOW TO DO IT

1. Add slime powder and water in a ratio of 1:8 into the cup.
2. Gently stir it until well mixed to form a slime.
(*This would take around 20 minutes.)
3. Just play the Slime with your hands. Sticky but FUN!



KEEP EXPLORING THE GROSS SCIENCE!

ANYTHING WEEPLY, DISGUSTING, ICKY, OR GROSS ARE SUPER FUN YET REVOLTING ACTIVITIES THAT PERFECT FOR LEARNING ABOUT THE WORLD!