

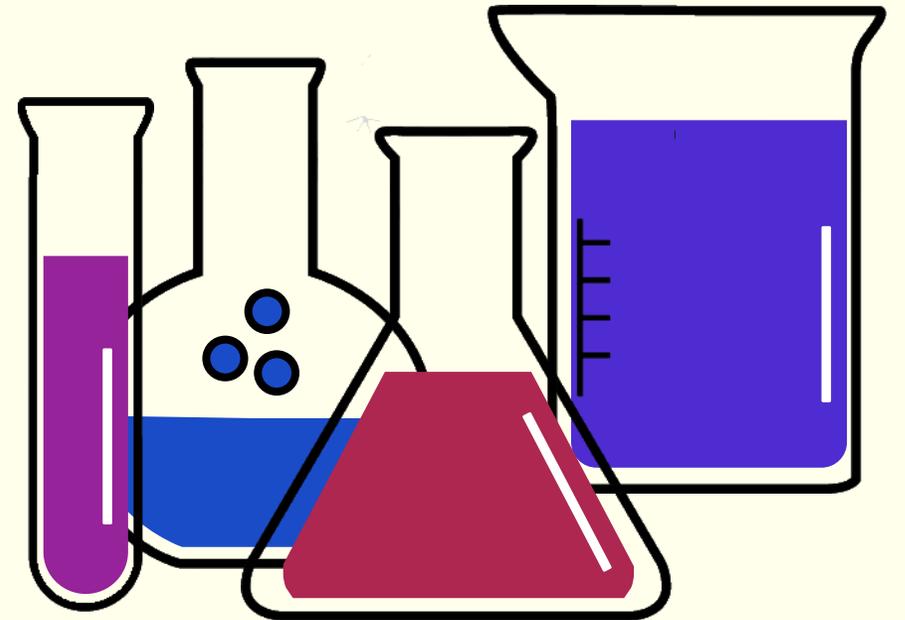
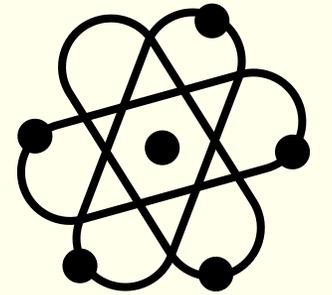
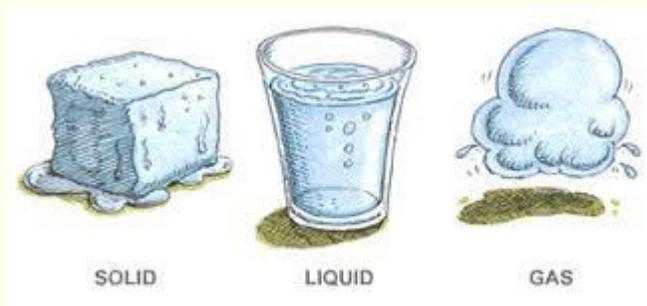
# So does it really matter

Test yourself - what are the 3 states of matter and an example of each one..... hit the mouse when ready

solids - rocks, bones, glass,

liquids - water, milk, paint

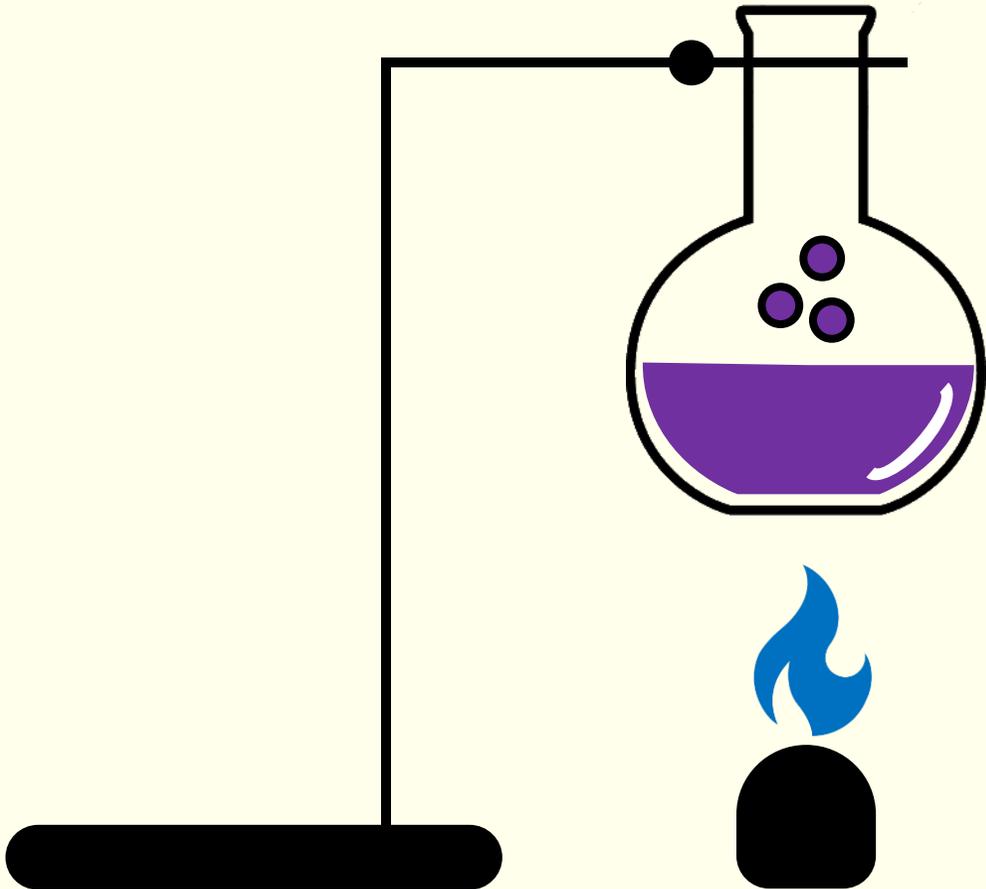
gases - air, oxygen, steam



# Gases

Gases have lots of energy and will move out to fill up whatever container that they are in

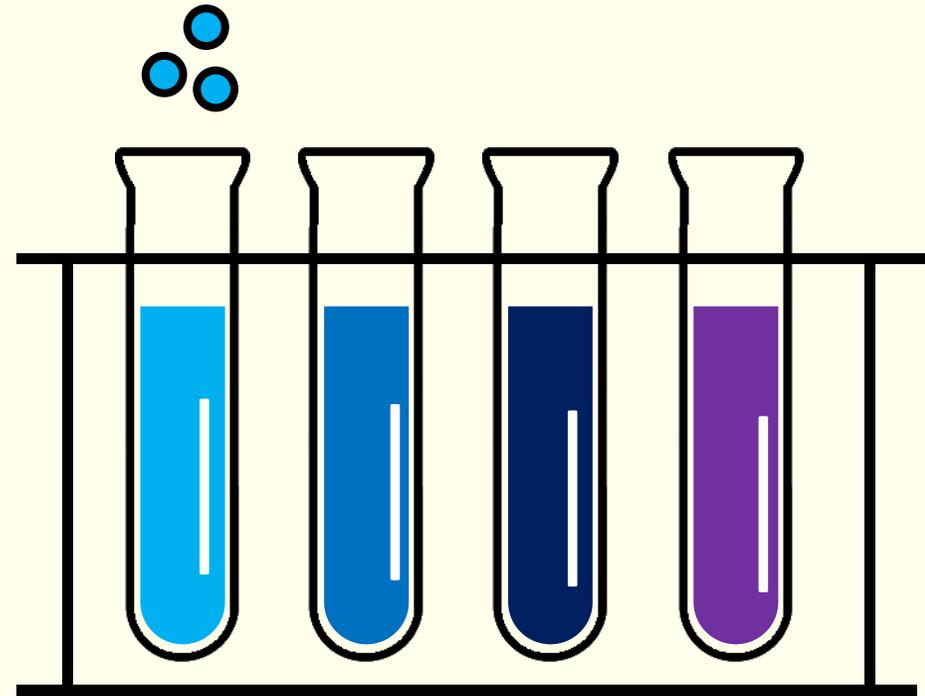
If there is no container they will expand out so much that they can separate totally



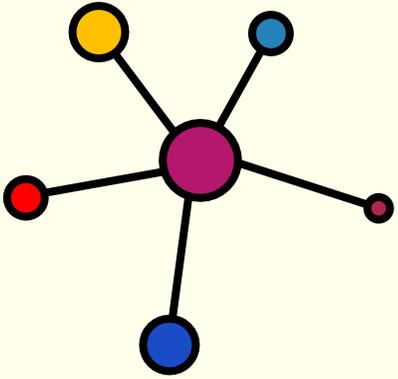
# Solids

Solids don't have much energy at all and are stuck in the same spot and shape unless something changes it for the solid

Solids follow a simple rule that most dogs don't. Solids are very good at "Sit, Stay:



# Liquids

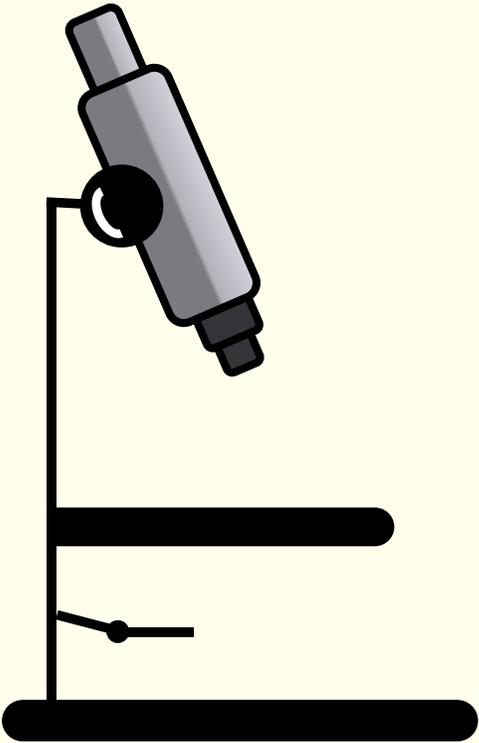


Liquids are in the middle of solids and gases. They have some energy - more than solids but less than gases.

Liquids need a containers to stay where they are.

Without a container liquids will spread out all over the place.

There are more liquids on the planet then solids and gases combined!!!

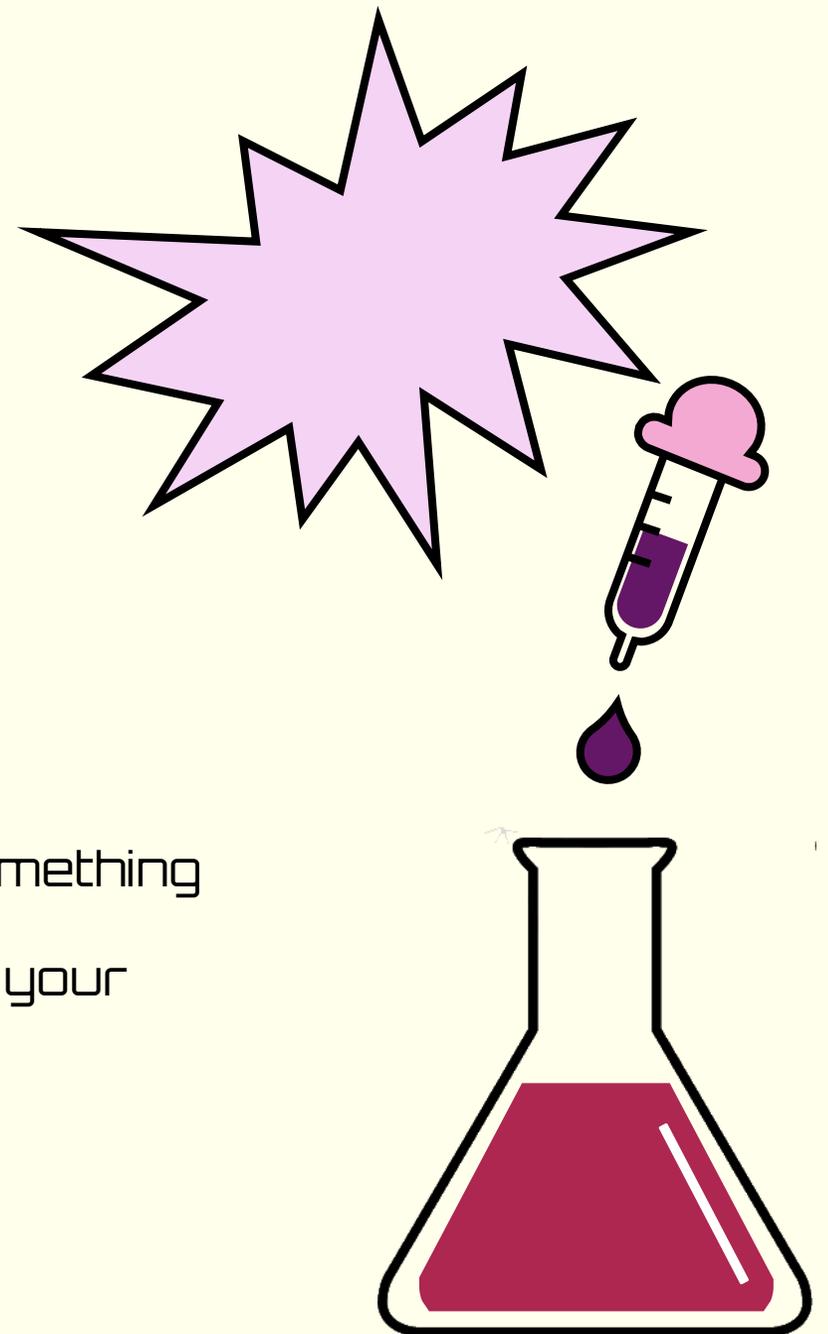


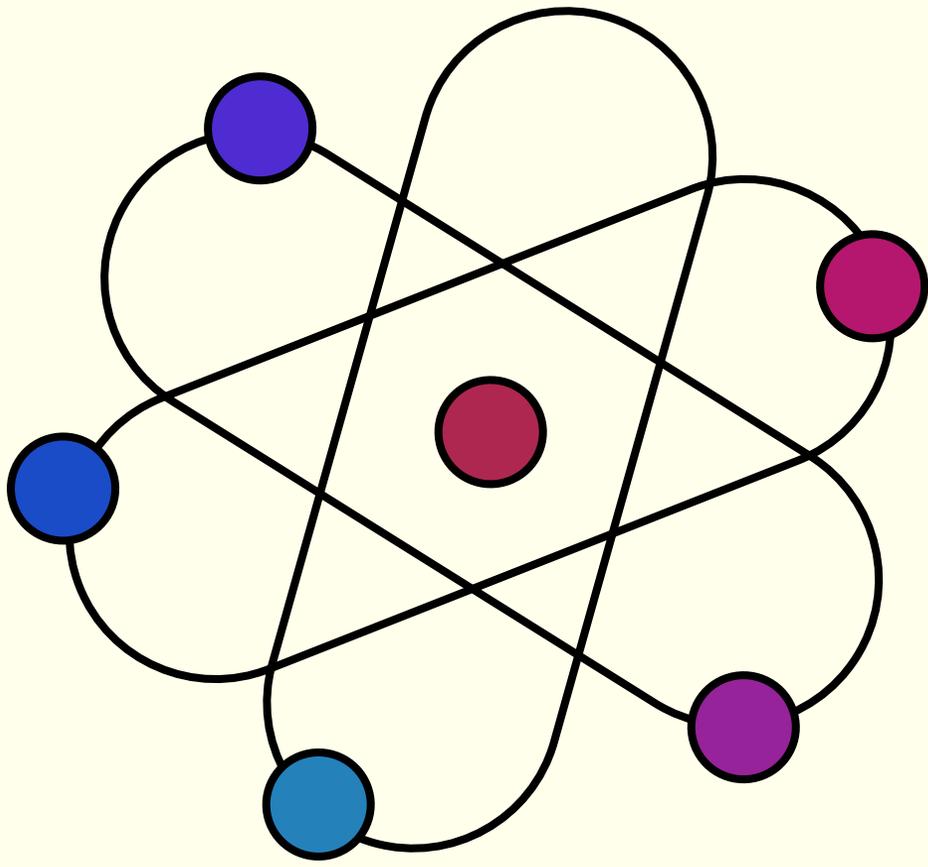
# Let's do some exploring

I want you to get an adult to help you with this one so you don't grab something and make a huge mess.

Things you can hopefully find are...

- jelly crystals or jelly
- liquid
- glue
- sugar
- dust
- similar mud
- your
- cream
- blu tack or something
- cream of tartar
- breath
- sour





# Looking, thinking, writing

Did you notice the sheet that was  
attached to this work?

Look at your items, move them, feel them,  
put them in containers, shake them (with  
the lids on...)

Using your knowledge of the states of  
matter you need to classify (record your  
thoughts) on whether or not they are  
solids, liquids, or gases

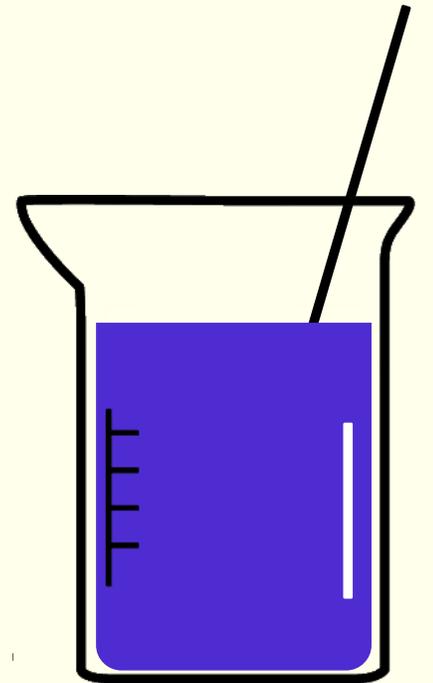
# It's slime time.....

Not everyone may be able to do this one but I hope you can

Click here → [CLICK](#)

You have on your Chrome an awesome recipe for making SLIME. If you can make it, give it a go.

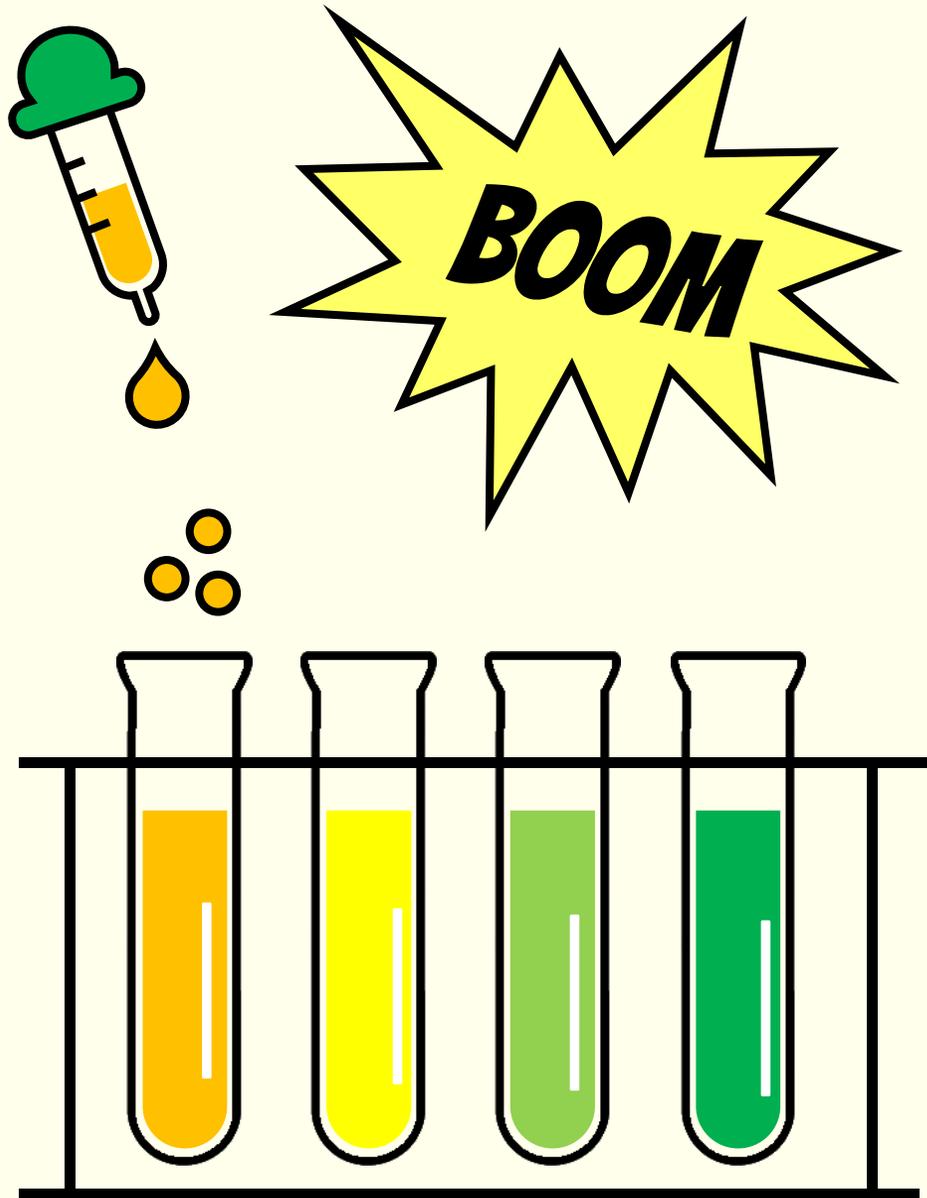
Question for you though - is slime a liquid, a solid, or one of those funky in-between ones (transitive) call an ooze? Classify it on your recording sheet from the previous slide.



# A thought!

Can you walk on a liquid???

Have a look at the folk from Mythbusters as they try to figure out how to make a liquid act like a solid





Keep on being science-y

