



LET'S DO CHEMISTRY

Feeling mixed-up about chemistry? Try this fun science activity!



If your kids watch any Saturday morning cartoons, they might think chemistry is all mad scientists, bubbling beakers and lab explosions. But what they probably don't know is that chemistry is all around us, everyday! When we cook, mix or smell something.

Kids can freely explore once they have the tools they need – and the encouragement from you – to conduct their own chemistry experiments. They can observe what happens when simple ingredients are mixed together and practice the scientific skill of noticing changes. We promise no explosions and plenty of scents.



GATHER THIS:

- Water
- Flour
- Salt
- Vinegar
- Baking soda
- Vegetable oil
- Whole milk
- Soap
- Small reusable cups, trays and bowls
- Eyedroppers

THEN DO THIS:

1. Create four mixing stations:

Station 1: Oil, water, cups, eyedroppers

Station 2: Baking soda, vinegar, trays, eyedroppers

Station 3: Whole milk, soap, tray or bowl

Station 4: Water, flour, sugar, salt, eyedroppers, bowls

2. Let your child move between the stations and try mixing different things together.

Someone will probably want to taste a concoction, make sure ingredients are edible and safe.

ASK THIS:

- What if you change the amount or mix in another item?
- Does the same thing happen if you mix in water?
- Have you seen anything like that before?
- Does the temperature make a difference?
- What did you notice about the smell?

WHAT IS HAPPENING?

Chemistry is a type of science that looks at what things are made out of and how they act and change when you do things to them. We do chemistry all the time when we mix things together – like cooking or baking!

CuriOdyssey

SCIENCE
PLAYGROUND
& ZOO

+ WHAT THIS TEACHES:

- Scientific practices
- Stability & change
- Matter & its interactions