



Science With Slime!



What is slime?

What is it: Slime is a fun, gooey stuff we can make!

Types of slime we are making:

Colorful:



Glittery:



Textured:



Science behind it:

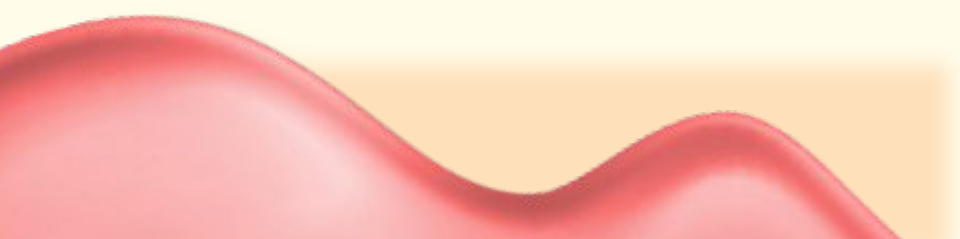
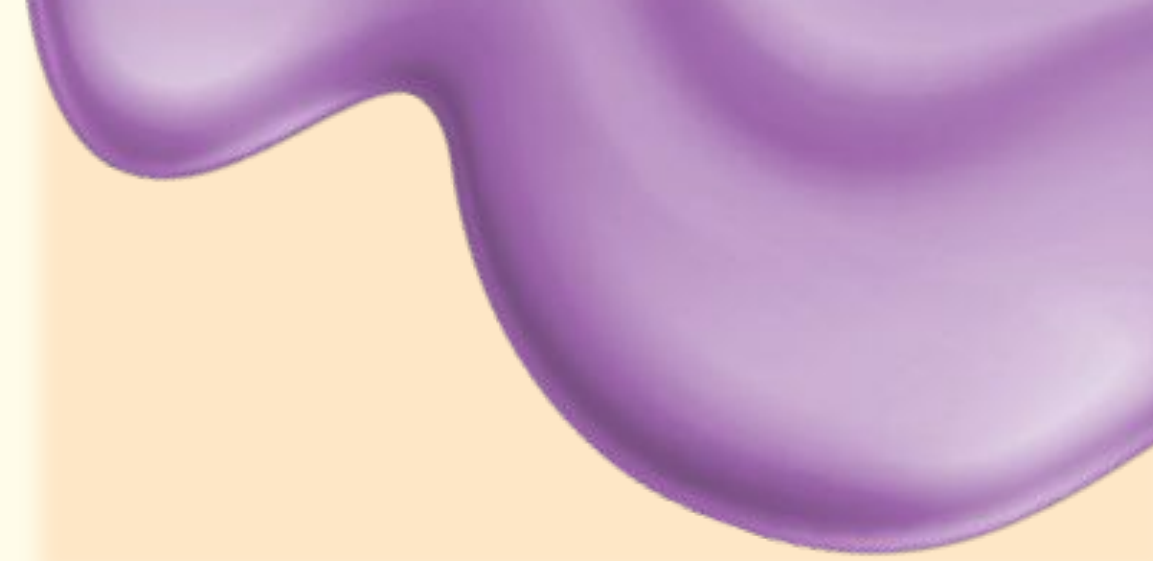
First observation when touching slime: it feels like a solid but flows like a liquid

How It Feels:

- **When you squeeze slime, it feels hard like a solid.**
- **When you let it go or move it slowly, it flows like a liquid.**

Why is that?:

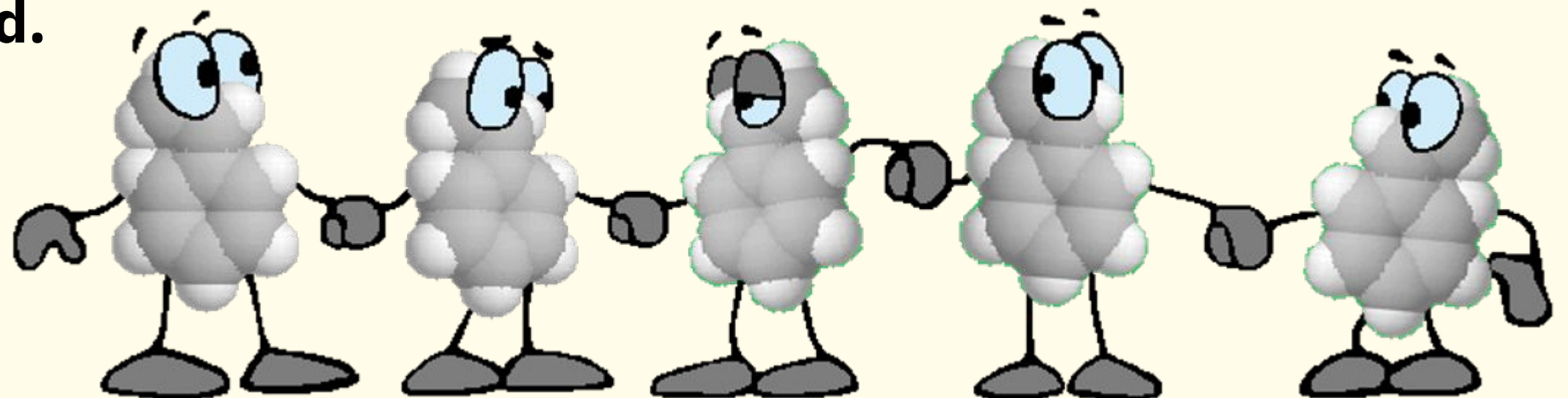
- **Slime is a special type of liquid. This means it doesn't act like regular liquids.**



Why does it behave like this?

Polymers:

- **Slime is made of long chains of molecules called polymers. These chains are what give slime its special properties.**
- **Squeezing vs. Letting Go:**
 - **When you squeeze the slime, the polymer chains get pushed together. This makes the slime feel hard and solid.**
 - **When you let go, the chains can move apart and slide past each other. This lets the slime flow like a liquid.**



Watch this video on these fluids!



How to make slime!



First Step:
Grab a Cup!



Second Step:
Grab some glue!



Third Step:
Mix water + borax!

How to make slime!



Fourth Step:

Put the mixture in
the glue!



Fifth Step:

Keep stirring! Add
food dye



Sixth

Step: Add glitter and
foam beads!