

ZOOM SESSION LESSON PLAN

YDP Name(s): *Veronica Flores*

Creative Zoom Session Title: Bouncy Ball Fun

Creative Zoom Synopsis (1-2 sentences max.): How to make a bouncy ball with only 3 ingredients that could last for hours of fun.

Date and Time of Zoom Session: Thursday, Oct. 8

Age Group: Kinder-1st

Group Size: 5-10

Core Program Area: Education

Priority Outcome: Academic Success

Session Main Activity Objective or Purpose: When the glue is added to the borax water, the glue becomes firm and bouncy. That's because **the borax reacted with the glue** causing the polymers, or long chains of molecules, in the glue to stick together and form an elastomer, a type of rubber.

Skills Practiced: Listening, bring your creativity and be engaged

Brief Description of Warm Up: Make Your Own Bouncy Balls! This super easy recipe uses just 3 ingredients: warm water, CLEAR Elmer's Glue and Borax that's it! The students will love this DIY activity and have so much fun.

Brief Description of Main Activity: Let's get started..

Step 1: Making Borax Solution (maybe ask an adult for help) You want to stir together the 1/2 cup of warm water and 1 tablespoon of borax, until it is completely dissolved (add more water if it doesn't all dissolve).

If the water is hot, allow it to cool.

Step 2: Add Your Glue. Next slowly pour your desired amount of glue into the bowl of borax solution. The more glue you use, the bigger the ball! (Some used about 2 tablespoons of glue)

Step 3: Squish and Squeeze! As soon as the glue hits the borax solution it will start to harden. Gently squeeze and squish the glue ball until it is no longer sticky. Remove from the borax solution and roll between your hands to make it ball shaped.

Reflection Questions: Was your bouncy ball, just bouncy? Or super bouncy? Did you find this activity fun?

Feedback poll questions: Thumbs here or there, are they up? down? sideways?

Session Preparation and Setup: Prepare a sample. Be ready with materials

Additional On the Spot Fun Ideas: You can purchase different colored/or glitter glue for added color and spark.

Supplies Needed:

- 1/2 Cup of Warm Water
- 1 TBSP of Borax
- 1 to 2 TBSP of [Clear Elmer's Glue](#) (or [Elmer's Clear Glitter Glue](#))
- Rubber gloves (optional)

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