



Lesson Objectives:

Club members will have fun making their own snow anytime of the year.

Time:

20-30 minutes

Equipment and supplies for each person/group:

- Baking soda
- Hair conditioner
- Shaving Cream
- Measuring cups
- Mixing bowl
- Spoon or spatula to stir
- Baking sheet/tray (to keep the snow contained while playing)

Preparations:

- Review Lesson
- Gather equipment and supplies

**Illinois
Extension**

4-H Club GO TO Resources

December 2021

Making the Best Snow

This is especially fun with younger kids, but even older ones will love it. With smaller clubs, have them work with a partner to make both of the recipes. For larger clubs, have each group make one recipe and then compare it to another group that made the other recipe.

Start out by defining what makes good snow. What would they like to be able to do with snow? Make a snowman, snowball fight, snow angels, throw it in the air and watch it fall back down. Have them describe physical properties of snow, such as the color, the temperature, the look, and the feel. These are all good things to “test” with each different kind of snow recipe.

Recipe #1

1. Pour 1 1/2 cups baking soda into the mixing bowl.
2. Pour 1/4 cup conditioner into the bowl of baking soda and mix it together. Much like the water, you will want to add less if you want powdery snow, and more if you want wet and slushy snow.

Recipe #2

1. Add 1 cup baking soda into a large mixing bowl.
3. Slowly add 1 cup shaving cream to your baking soda and mix it to your desired texture. You may need to add a little water.

Now compare the two recipes. Decide as a group which one is the coldest, best packing, best texture and easiest to clean-up. Did all the recipes turn out the same? Which one is your favorite? What would you like to do differently next time?

University of Illinois Extension — Unit 2 — Boone, DeKalb, Ogle Counties

Boone County Extension Office

205 Cadillac Court, Suite 3

Belvidere, IL 61008-1733

Phone: 815-544-3710

Program Coordinator: Melissa Irwin

Email: mmirwin@illinois.edu

Ogle County Extension Office

421 W Pines Rd, Ste 10

Oregon, IL 61061

Phone: 815-732-2191

Program Coordinator: Jodi Baumgartner

Email: jbmgtrnr@illinois.edu

DeKalb County Extension Office

1350 West Prairie Drive

Sycamore, IL 60178-3166

Phone: 815-758-8194

Program Coordinator: Nicole Groezinger

Email: groezing@illinois.edu

Unit 2 Educator: Johnna Jennings

Email: bjennin@illinois.edu

Sources & Additional Lesson info:

4-H Club GO TO Resources is being offered to 4-H clubs in Boone, DeKalb and Ogle Counties as a way to enrich and enhance 4-H experiences and programming at the club level. It is the goal of the Extension staff to assist 4-H leaders and officers in providing simple hands-on activities on a monthly basis that can broaden the 4-H club experience and as a result heighten positive youth development.

Resources: <https://playingwithrain.com/make-snow-with-baking-soda/>

Prepared by: Nicole Groezinger, 4-H Youth Development Program Coordinator

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