

Anna's Science Experiment Guide

Melting Snow Castle

Supplies:

- Sand Castle Molds
- Baking Soda
- Vinegar
- Water
- Food Coloring (optional)

Instructions:

1. Mix a little water with some baking soda. The consistency can be either a crumbly dough or a thick paste. If it is runny or soupy, add more baking soda.
2. Fill a sandcastle mold with the mixture and place in the freeze until solid. I let it freeze overnight.
3. Remove the mold and place the castle in a container like a large bowl, tub, or plastic box. You might need to warm the outside of the mold to allow it to release. Hold it in your hands or run warm water along the outside of the mold.
4. If you like, add some food coloring to a cup of vinegar.
5. Slowly pour the vinegar over the castle and watch it bubble and dissolve.

Snowstorm in a Jar

Supplies:

- A jar, or some other see through container
- Baby oil
- Kid-safe Paint (I used white)
- Water
- Alka Seltzer

Instructions:

1. Mix a little bit of paint with warm water until dissolved and set aside.
2. Fill your jar or container $\frac{3}{4}$ full with babyoil.
3. Pour the paint/water mixture into the jar. Leave a little space at the top.
4. Wait for the paint/water to settle at the bottom.
5. Break an Alka Seltzer tablet into pieces and drop a piece into the jar.
6. Watch the "snowstorm" begin. Add more pieces of the tablet to the jar as you wish.

Sensory Snow/ Snow Foam

Supplies:

- Frozen baking soda
- Shaving cream

Instructions:

1. Freeze a box of baking soda overnight.
2. Pour the frozen baking soda into a plastic tub or bin.
3. Slowly add some shaving cream and mix.
4. Add more shaving cream until you get the consistency you enjoy.
5. Play!
6. When you are done, you can add some vinegar and watch the mixture fizz and bubble.