

Kidzu is bringing STEAM'd UP to you!

Build a **baking soda snowman**, and then watch it bubble and melt!

Materials:

About ½ cup baking soda
About 1 cup shaving cream
Vinegar
Mixing Bowl and spoon
Plate
Towels or newspaper

1 - Protect your work area! This activity can get very messy, so make sure you put out lots of towels or newspaper - or try doing it outside! Just be aware that vinegar can kill plants, so don't do it too close to any plants you love.

2 - Make your dough! Pour the baking soda into your bowl then add as much shaving cream as it takes to get the right texture. We used half a cup of baking soda and 1 cup of shaving cream to get a small batch of dough. If your dough is too crumbly add more shaving cream. If it is too sticky add more baking soda.

3 - Get your hands dirty! Put some dough on your plate and mold it into a snowman or whatever other fun shapes you want. The baking soda gives this dough a soft but gritty texture, and it even feels a little cold to the touch!

4 - When you are done playing with your dough you can try adding some vinegar to a bit of it. The baking soda and vinegar cause a reaction and the shaving cream traps the gas in longer lasting bubbles, so the result is a frothy foam.

5 - Make sure you wash your hands thoroughly when you are done! The acid and base that cause a fun reaction here can be harsh on sensitive skin.



Adapted from <https://ortonqillinghamonlinetutor.com/moldable-play-snow/>