

Make Oobleck with Christmas Peppermints

Oobleck or goop is perfect for simple science because it shows off the properties of a non-Newtonian fluid. It acts both like a solid and a liquid.

Oobleck is a mixture of cornstarch and water. Roughly a 2:1 ratio but you can tinker with the ratio to find the desired consistency that still maintains the properties of oobleck

Is OOBLECK a Solid or a Liquid?

Well, it's a solid. No, wait it's a liquid! Wait, it's both! Very fascinating to be exact. Pick up solid chunks, pack the substance into a ball, and watch it ooze into a liquid. This is called a non-Newtonian liquid, a substance that acts like both a liquid and a solid.

Supplies Needed:

- cornstarch
- water
- peppermints
- tweezers, spoon
- cookie sheet (we use the dollar store variety for projects!)

How to Make Peppermint Oobleck

STEP 1. Mix up about a 1 cup of cornstarch and 1/2 cup of water!

You can adjust the ratios as needed, but this recipe is a general guideline. You can also make colored oobleck. However, the peppermints will give it a pretty color too!

STEP 2. Pour and spoon the oobleck onto a cookie sheet. Add your Christmas peppermints to the mixture.

STEP 3. Add a pair of tweezers, and play!



Grab a pair of kids' size tweezers and even the magnifying glass for up-close science observation. Tweezers help ease your way into the oobleck.



This can get as messy as you like it! Plus, this peppermint oobleck smells amazing! Scented science is perfect for exploring the 5 senses of the human body. This oobleck is great for sight, touch, smell, and of course, you can taste the peppermints.

You can set up a simple science experiment on the side.

How long does it take a peppermint to dissolve in the oobleck? Make a guess or estimate the time. Then time how long it actually takes for the peppermint to completely dissolve.

