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Raven Hill Discovery Center is a 501(c)(3) tax-exempt corporation.

Mission: Raven Hill provides a place that enhances hands-on and lifelong learning for all ages by connecting science, history & the arts.

Oobleck (cornstarch putty)

Supplies needed: cornstarch, water, bowl and spoon. Put a small amount of cornstarch in the bowl. Add a little water at a time. Make a thick mixture. Add more cornstarch, if the mixture is too “soupy”. When the mixture is the right thickness, test it by hitting hard and fast on the top with your finger or the spoon. Your finger or spoon do not penetrate the oobleck, but if you poke your finger or spoon in slowly, they sink right down into the mix. A mixture of cornstarch and water (sometimes called **oobleck**) is **DILATANT**. It acts as a solid, when you hit the surface hard and fast with your finger or spoon. It acts as a liquid, if you hit the surface softly and slowly and your finger or spoon sink right down into the mix. Note: Non-drip paints are the opposite--**THIXOTROPIC**. They act like a liquid when not under pressure (in the paint can) and a solid when under pressure (on the brush), so they don't drip. Put a little oobleck in your hand. Roll it into a ball. When you stop the pressure of rolling, the mix turns back to a liquid!



1. Gather supplies



2. Make mix thick.



3. Roll into a ball.



4. Stop rolling. It drips.

Have fun! Be sure to clean up. If any oobleck spills on the floor, it will vacuum up, when dry.