

Oobleck

A Non-Newtonian Fluid



Sir Issac Newton was the first person to describe how liquids behave **using math.**

↳ **Newtonian Fluids**

A **fluid** refers to any **gas** or **liquid** that flows

They act **differently** based on the force, time, and speed on how they are handled



Non-Newtonian fluids, however, are weird!

Examples:



Toothpaste



Ketchup



Slime



Peanut Butter

Vocabulary

dissolve - to mix completely with a liquid.

oobleck - a mixture of cornstarch and water that behaves like a liquid at rest and like a solid when pressure is applied.

substance - a material of a particular kind

polymer - a long molecule made from many smaller and simpler molecules.

microscopic - invisible without the use of a microscope; very small.

molecule - the smallest unit or part of something.