



a WOW Lab
BLUEPRINT

Polymer Bouncy Balls

Introduction

In this activity, students will create their own bouncy balls. Two types of balls will be created, one using latex and the other using cornstarch, borax and white glue. In both of these methods, a polymer (a chain of repeated units) is created and molded into a ball shape. Although both balls look similar, they have different physical properties, which students will observe while testing which type of ball bounces better.

Polymer Bouncy Balls serves as a basic introduction to chemistry. Students will follow instructions, record measurements, observe two different chemical changes and test the physical properties of their polymers.