

I've Been Slimed Lab

Summary

Students will conduct a lab making a slime-like material in order to answer the question "How does cross-linking change the properties of a polymer?"

Time Frame

1 class periods of 60 minutes each

Group Size

Pairs

Materials

- [student lab sheet](#)
(attached)
- goggles
- 2 wooden splints
- Apron
- Polyvinyl alcohol (4% solution)
- graduated cylinder
- Sodium tetraborate (4% solution) (Borax)
- 2 paper cups
- diluted white glue containing polyvinyl acetate
- food coloring

Instructional Procedures

All procedures are provided to students on their lab sheet attached.

Bibliography

Lesson Design by Jordan School District Teachers and Staff.

Authors

[Utah LessonPlans](#)