

Dialysis Tubing Lab

Summary

Students will predict the particle movement and see if they are correct. This can be adjusted to be an inquiry lab.

Main Core Tie

SEEd - Grade 7

[Strand 7.3: STRUCTURE AND FUNCTION OF LIFE Standard 7.3.2](#)

Time Frame

1 class periods of 60 minutes each

Group Size

Small Groups

Materials

- dialysis tubing 1 inch
- sugar water
- tap water
- string or dental floss
- triple beam balances
- paper towel
- [lab worksheet](#)

Student Prior Knowledge

particle movement, diffusion, and osmosis

Instructional Procedures

- Promote safe use of the equipment and materials.
- Make the sugar solution a concentrated one.

Assessment Plan

Scoring Guide

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Appropriate use of the equipment and time receives 25 points. Five points for each of the questions giving 50 points total.

Bibliography

Lesson Design by Jordan School District Teachers and Staff.

Authors

[Utah LessonPlans](#)