

# 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](#)