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:
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.

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