

Starch Bags

Summary

In this activity students will predict and test the direction of the particle movement.

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

- 1 piece of dialysis tubing 6 inches long
- 2 pieces of string
- 1 container
- 10 ml starch solution
- 25 ml weak iodine solution
- 50 ml beaker
- one-pint zip lock bag
- starch solution 1/2 cup
- larger container of weak iodine solution

- [worksheet](#)

Background for Teachers

This can be done as a demo or a lab. A starch solution will be put into a zip lock bag. This is then put into a container of diluted iodine solution. Overnight the starch will darken. You could also do this by using dialysis tubing and the effect would take only 10 minutes.

Student Prior Knowledge

types of particle movement

Instructional Procedures

- Step-by-step instructions are given to students on the worksheet.
- Students should wear protective eyewear.

Assessment Plan

Appropriate use of the equipment and time receives full credit.

Bibliography

Lesson Design by Jordan School District Teachers and Staff.

Authors

[Utah LessonPlans](#)