

# 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](#)