

Osmosis In Cells

Summary

Students will read about osmosis and how it affects plant and animal cells and study pictures that show the effects of osmosis on plant and animal cells. Then they will answer questions and label diagrams to show how osmosis will affect plant and animal cells in different salinities.

Main Core Tie

SEEd - Grade 7

[Strand 7.3: STRUCTURE AND FUNCTION OF LIFE Standard 7.3.1](#)

Time Frame

1 class periods of 30 minutes each

Group Size

Individual

Materials

textbook

- [student worksheet](#)
- [osmosis background information](#)
- [answer key](#)

Background for Teachers

See [background information document](#).

Student Prior Knowledge

Students should know what diffusion is.

Instructional Procedures

Provide students with textbooks to define osmosis and diffusion.

Have students read the [background information](#) in the packet and study the example pictures. You may want to project the diagrams or make them into overheads and discuss them as a class.

When students are done reading they can complete the diagrams and questions at the end. Correct diagrams and questions in class.

Assessment Plan

See [answer key](#).

Bibliography

Lesson Design by Jordan School District Teachers and Staff.

Authors

[Utah LessonPlans](#)