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