Learning Objectives: Students understand the process of osmosis, the net movement of water through a barrier.

SNEAK PEAK inside …

ACTIVITY
Students observe changes in carrots exposed to salt.

STUDENT SUPPLIES
see next page for more supplies
carrots
sealing plastic bags (e.g., Ziploc™)
salt
plastic cups and spoons, etc...

ADVANCE PREPARATION
see next page for more details
Fill student cups with salt
Put out carrots, etc...

OPTIONAL EXTRAS

DEMONSTRATION
Super-Absorbent Diapers (p. C - 3)
Expanding Crocodiles (p. C - 5)

EXTENSIONS
Measuring Water Loss (p. C - 10)
Hypertonic and Hypotonic Solutions (p. C - 11)
Inquiry Opportunity - Test Variables (p. C - 12)