

# Equipment Kits and Teacher's Guide

## Equipment Kit Management

### About Your Kits

The equipment in Scott Foresman Science is packaged in sturdy plastic bins for your convenience. The quantities included support eight groups of four students each.

### Unit Kit/ Grade Level Kit

The Unit Kit contains most of the items you will need to conduct hands-on activities with your students. Equipment for each unit is contained in one or two bins. The unit kit is designed to be purchased separately. Each bin is clearly labeled with the *grade level*, *bin number*, *unit name*, and *contents*. A label inside the lid of each bin references the materials by activity. Only activities requiring kit items are listed.

Unit kits are also available in a Grade Level Kit configuration. In this format, a common bin eliminates items duplicated across the units for cost savings and convenience.

### Demonstration Kit

The Demonstration Kits give teachers the opportunity to rehearse activities before conducting them in the classroom. Kit-provided materials for each activity are pre-packaged and labeled for easy identification. When used in conjunction with the activity videos, the demonstration kits make it easy to prepare and conduct all investigations and experiments.

### Storage of the Kits

Your equipment is packaged in sturdy,

translucent plastic bins and labeled for easy storage and access. Bins may be stacked or stored on shelves or carts. Bins are labeled on all sides for quick identification and location of items. This provides convenient organization of materials before and after use.

### Replacement Materials

Use the Replacement Parts Price List to reorder items as needed for the Unit Kit or Grade Level Kit. These order forms are inserted in the front cover of this Teacher's Guide and can be photocopied. Each list provides a column for entering the quantities of items you need to replace. Materials are organized alphabetically and identified as consumable or non consumable.

Complete consumable Replacement Kits are available as well. These kits replenish all the consumable materials for each Unit Kit or Grade Level Kit.

# Using the Teacher's Guide

This guide will help you better prepare to conduct the program activities in your classroom. Reviewing the guide while practicing with the activity video and demonstration kit or simply reading the guide upon receiving your classroom kit will make it easy to facilitate the activity with your students.

## Getting Started

Familiarize yourself with the kit contents. To make sure your shipment is complete, use the computerized packing statement to check items in your kit.

## Activity Notes

The Activity Notes in this guide provide comprehensive information to make your activity sessions a success. This information may include:

### Video Segment

The video segment number is indicated to help you cue the tape to each investigate and experiment activity.

### Materials

A materials list for each activity identifies kit-supplied and school-supplied materials.

Use this list as another check of your kit contents, and as a list for class preparation.

### Materials Substitutions

For increased flexibility, materials substitutions, when appropriate, are indicated.

### Advanced Preparation

These instructions offer preparation guidance as necessary. With these suggestions you will always be well prepared to conduct activities in your class.

### Hints and Tips

Detailed hints and tips help to insure

student success in the classroom. Notes range from how to enhance students' success to increasing your understanding of activity concepts.

### Safety Tips

While safety should be practiced at all times for each activity, it may be necessary to consider specific activity concerns. These notes give activity-specific safety tips.

### Additional Comments

In this section, we provide comments and suggestions generated during nationwide activity testing. The comments include extension ideas, alternate activities and other helpful information.