

PREPARING FOR THE ACTIVITIES—QUARTER 3

CLASSROOM MANAGEMENT

Materials

You may want to familiarize yourself with the kit materials before beginning the activities. The contents of each drawer are listed on the drawer labels. We suggest that you refer to the Materials List on pages 1–3 of this guide as you review the materials in each drawer.

Before beginning each activity, review the Materials list and the Preparation required for the activity. The Materials list indicates which items will be used in the activity, how many of each item will be needed for each individual and each student team, and the size of each team. We recommend that you ask student helpers to assist you in locating materials and preparing for each activity.

After you have completed the quarter, make a list of any items that need to be ordered for the next use. For information, call 1–800–258–1302.

Distribution Stations

The most efficient way to distribute materials during an activity is to set up distribution stations from which students can obtain materials as needed. If space in your classroom is limited, you may have room for only one station. If you have more space, we recommend setting up two or three distribution stations, each containing about a half or a third of all the materials listed in the Materials list for each activity. In this way, each distribution station will contain all of the different items used in the activity, and students will not need to visit more than one station to obtain all of their materials.

Cooperative Learning

The **Broward County Hands-On Science** program encourages and promotes cooperative learning strategies. The quantity of materials included in each kit allows small groups of students to investigate phenomena and each student to make observations and report what he or she has learned. The interaction between team members is an integral part of each activity and enhances individual outcomes.

ADVANCE PREPARATION

Activities 25, 28, and 29: The classroom needs to be dark for these activities. If your room has no shades or window coverings, collect bedsheets to darken the room.

Activities 26 and 27: These activities include specific observation times for best results, that is at sunrise and sunset. Select an area of the schoolyard where students can look east and west to stage sample observations of the Sun.

Activity 30: An overhead projector is required for transparencies of the night sky in each of the four seasons.

MATERIALS MANAGEMENT

Activities 26 and 27 require the use of sunrise and sunset data charts. Follow directions in these activities regarding when to hang the charts and how long to leave them up.

