

Science Safety

Classroom safety is always an important consideration for teachers and students. Throughout the **Broward County Hands-On Science** program, every effort has been made to choose safe materials and to suggest safe activity procedures. Special **Safety Note** boxes in the teacher's guide highlight specific safety information.

The Science Safety Rules on the following page provide general safety information for students. You may wish to photocopy the rules and distribute them to the class, or read them aloud. Discuss the rules, answer questions, and set up additional guidelines students suggest. Post a copy of the rules in the classroom. Review specific safety rules as appropriate prior to each activity.

To provide a safe environment for students engaged in science activities, consider these additional suggestions:

- At the beginning of the year, and periodically afterward, discuss safety rules, demonstrate emergency procedures, and show students how to use the safety equipment in the classroom.
- Familiarize yourself with the materials, equipment, and any potential safety concerns of each activity in advance. Discuss specific safety precautions with students before beginning the activity.
- For your students' protection, always check the school files for any student allergies, such as foods, latex, strong scents, and so on.
- Set a good example yourself by following the safety guidelines when doing demonstrations.
- Take care when arranging the classroom for science activities and storage of science supplies. Allowing students enough space and time to complete an activity is vital to student safety.
- Understand your school's policies and procedures for handling emergencies and evacuations, and know the location and use of safety equipment such as fire extinguishers.

You may wish to consult additional classroom safety resources such as *Safety in the Elementary Science Classroom* and *Exploring Safely: A Guide for Elementary Teachers*, both published by the National Science Teachers Association.

Science Safety Rules Copymaster on following page➔

Science Safety Rules

1. Listen carefully to your teacher's instructions. Follow directions. If you don't understand, ask questions.
2. Tell your teacher if you have any allergies.
3. Never taste an unknown substance unless your teacher tells you to.
4. Never smell an unknown substance unless your teacher tells you to.
5. Avoid touching your eyes, face, mouth, ears, or nose while doing the activities.
6. Always wash your hands with soap and water immediately after every activity.
7. Always wear safety goggles when necessary.
8. Immediately report all spills and accidents to your teacher.
9. Never play with the materials provided for an activity.
10. Listen to and follow your teacher's instructions for cleaning up after an activity.