

Lesson 3B:

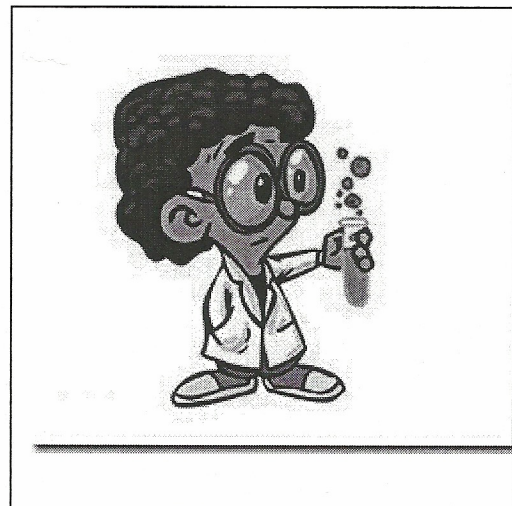
F

SAFETY IN THE SCIENCE CLASSROOM

SNC1P

Before you begin...

- Be aware of your environment. **L**_____ carefully to instructions.
- Know the **I**_____ of fire extinguishers, first-aid kits, and other safety apparatus.
- Tell your teacher if you have any **a**_____ or other conditions that may affect your work.
- **R**_____ the activity. Be sure you understand the **i**_____, or ask for help if necessary.
- **P**_____ yourself. Wear lab aprons, safety goggles, and other protective clothing, as recommended. Tie back long **h**_____ and remove scarves and long necklaces.
- Set yourself up for success. Make sure your work area is **c**_____. Gather materials safely and place them where they will not cause a **h**_____.



While you work...

- Do not **t**_____ anything, or draw anything into a tube with your mouth.
- Never smell a substance directly. Instead, **w**_____ the fumes toward you with your hand.
- Carry materials carefully. Make **r**_____ for other students who may be carrying equipment.
- Handle **s**_____ objects with care. Always cut away from yourself.
- **D**_____ of broken objects with care, and let your teacher know if anything breaks or has a sharp or jagged edge.
- Respect **e**_____. Make sure your hands are dry when using electrical equipment, pull on the plug – not the cord – to unplug electrical equipment. Place cords where people will not trip over them, and report any damaged equipment or frayed cords to your teacher.
- Protect against **f**_____ and **b**_____. When heating an item, use heatproof containers and wear safety goggles. Point the open end of a container being heated away from you and others. If you do receive a burn, tell your teacher and apply cold water to burn immediately.
- Read safety **s**_____ on all materials.
- If part of your body comes into contact with a substance, wash it immediately and thoroughly with **w**_____.
- If you get anything in your **e**_____, wash them with water for 15 minutes and tell your teacher.
- Do not use power **t**_____ unless you have specialized training in using them safely.

When your work is complete...

- **C**_____ up. Clean equipment before you put it away, and wash your hands thoroughly.
- Clean up **s**_____, and dispose of materials according to your teacher's directions.

Name _____

Date _____

Applying Knowledge

1. These 10 symbols appear in your Science Links textbook to alert you to possible dangers. Beside each symbol, write the letter of its descriptor, then write one example of what you might do when you see that symbol. One example is completed for you.



C

Follow the teacher's instructions to dispose of leftover materials.



















- A. **Clothing Protection Safety** A lab apron should be worn.
- B. **Chemical Safety** Chemicals used can cause burns or are poisonous if absorbed through the skin.
- C. **Disposal Alert** Care must be taken to dispose of materials properly.
- D. **Electrical Safety** Take care when using electrical equipment.
- E. **Eye Safety** A danger to the eyes exists. Wear safety goggles.
- F. **Fire Safety** Take care around open flames.
- G. **Fume Safety** Chemicals or chemical reactions could cause dangerous fumes.
- H. **Sharp Object Safety** A danger of cuts or punctures caused by sharp objects exists.
- I. **Skin Protection Safety** The use of caustic chemicals might irritate the skin, or contact with micro-organisms might transmit infection.
- J. **Thermal Safety** Use caution when handling hot objects.