

Write one important idea from each paragraph in this space.

## Science Shorts-7

### Safety in the Laboratory

“Hands-on” experiences are part of many school activities. Science, especially, is suited to “learning by doing.” You investigate; you make things happen; you learn from what you do.

Science investigations can be exciting. However, they can also be dangerous. Science laboratories have equipment and materials that can be dangerous if not handled properly. For this reason, it is important for you to always follow proper safety guidelines. Safety rules are for your own protection-as well as the protection of everyone around you.

To avoid accidents in the science laboratory, you should always follow your teacher’s directions. You should not perform activities without directions from your teacher. You also should never work in the science laboratory alone. When heating a test tube, make sure it is straight up and down. Do not point a heating test tube at anyone.

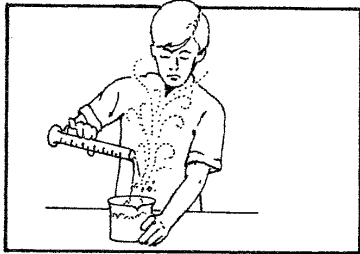
To protect yourself from injuring your eyes, wear safety glasses whenever you work with chemicals, glassware or any substance that can get into your eyes. Tie back long hair to keep it away from chemicals, flames or equipment. Roll up long sleeves so you don’t drag them into a chemical that will burn your skin or set fire to your shirt when using any type of flame.

Keep your work areas clean and tidy at all times. Items such as purses and backpacks should be left in a designated area. Never eat or drink during a laboratory experiment. Do not engage in horseplay while in the science lab or classroom.

Never put your face near the mouth of a container that holds chemicals. If you are instructed to test for odors, use a wafting motion to direct the odors to your nose. Do not inhale fumes directly from the container. Be sure to wash up any spills and splashes immediately with plenty of water. Be sure to notify your teacher if accidents happen.

Directions: List at least two unsafe laboratory practices found in each picture.

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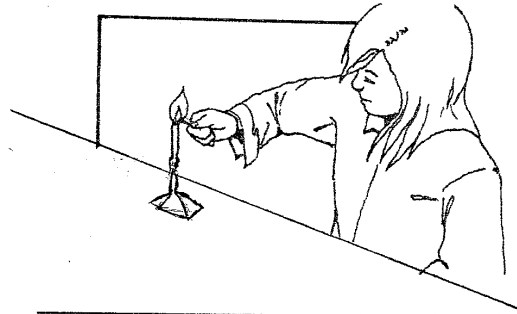


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