BSHS Biology Safety Rules

PERSONAL SAFETY
- Every person shall wear eye protection devices when using corrosive, toxic, reactive, or irritating chemicals and during hazardous activities.
- Wash your hands before removing your goggles and leaving the laboratory.
- Never be a practical joker in the laboratory.
- Laboratory aprons must be worn when working with hazardous solutions.
- If you do not understand how or why to do a task, ask your instructor for help. If there is any doubt in your mind, ask your instructor.
- Some chemicals can be harmful to a fetus. If pregnant, or suspect pregnancy, notify your science teacher or school counselor.
- Tie back long hair. Secure loose clothing to the body and remove loose fitting coats and jackets.
- In classrooms functioning as a laboratory, no eating or drink will be allowed.

LAB SAFETY SKILLS
- Follow your instructor’s oral and written instructions before, during and after all laboratory activities.
- Read an assigned investigation carefully before beginning it, noting all cautions listed.
- Work deliberately and with definite purpose, but do not hurry.
- Keep the workspace at your station and your apparatus clean and in good order.
- Read the label carefully before taking anything from a bottle or container. Using the wrong material could result in serious injury.
- Know what you are doing. Be wary of what neighboring students are doing.

MATERIALS SAFETY
- All chemicals should be regarded as hazardous unless your instructor informs you otherwise.
- Never mix or heat chemicals unless you are directed to do so.
- When mixing concentrated acids and water, always pour acids into water slowly and stir constantly.
- When observing the odor of any liquid, do not smell it directly. Use your hand to fan the odor towards you.
- Never taste a chemical or a solution or touch chemicals with your hands.
- When heating a test tube, do not heat just one spot on the test tube. Never have the open end of the test tube pointed at anyone. Never look directly down into a test tube.
- Always allow ample time for cooling after materials have been heated.
- Dispose of all materials as instructor designates.

***NOTIFY YOUR INSTRUCTOR OF ANY ACCIDENT OR POTENTIALLY HAZARDOUS SITUATION. IF ANY CHEMICAL IS SPLASHED ON YOU SKIN OR IN YOUR EYES, FLOOD WITH WATER IMMEDIATELY, THEN NOTIFY YOUR INSTRUCTOR!