Science Safety Scavenger Hunt

1. Fire Extinguisher
2. What kind is it? A, B, C,
3. What types of fire(s) would your classroom extinguisher put out? Paper,trash, wood, liquids, electrical
4. Describe in steps how to use the extinguisher to put out a fire.

Pull the pin.

Aim the nozzle.

Squeeze the lever.

Sweep over the fire with back and forth motions.

1. Goggles
2. If you wear Glasses or contacts, do you still need to wear goggles during a lab? Yes
3. Should you use safety goggles when boiling water, even if there are no chemicals involved? Yes

Why or why not? Even boiling water can splash and cause injury.

1. Fire Blanket
2. How do you remove the blanket out of the orange container? Remove the fire blanket from its container and unfold it to use.
3. What color is the blanket? Gray
4. Would you use it to put out small fires at your table? Possibly if a small paper fire. If not, what would you do? Use a fire extinguisher.
5. Would you use it if you spilled acid on your clothes? No If not, what would you do? Use the safety shower for minimum of 15 minutes
6. Would you use it if someone’s clothes were on fire? Yes, you can. If not, what would you do? Students can stop, drop, and roll. Or a fire blanket can be used to wrap around the student to smother the fire.
7. Wash station

How long should someone wash their eyes if they were splashed with a chemical? 15 minutes, holding eyes open

1. Exhaust fan

What is the purpose of the exhaust fan? Remove chemical fumes from the room

1. Lab aprons
2. Why do you wear an apron in the lab? Aprons are worn to protect clothes and skin from possible chemical splash or spill.
3. When should you remove your goggles and apron? After all students have finished the lab and have finished cleaning the equipment and lab station.
4. Sinks
5. When finished with the contents of a test tube or beaker, do you dispose of the left over materials by dumping it in the sink and rinsing with water? No

What should you do? Ask the teacher what you should do with the remaining materials. The teacher will most likely ask you to put it in the receptacle (dump can). The teacher will then dispose of properly. The teacher will then ask you to wash your equipment.

1. When finished with a lab, do you rinse all glassware and leave it at the lab station? yes

Why or why not? All glassware should be washed, rinsed, and left to air dry next the lab station for the next class.

1. Towel dispensers and garbage bins
2. Why is it critical to immediately wipe up spills from the floor? Teacher should be alerted immediately so the teacher can clean the spill. Spills need to be cleaned immediately in order to avoid accidents or injury.
3. Why should you alert the teacher to clean up chemical spills? The teacher has proper equipment to clean and dispose of the spill or breakage without harm.
4. What other dangers could a chemical spill possess? Chemical spills could result in chemical burns to the skin and vapors to the eyes or nose can burn as well.
5. Broken glass container
6. What should I do if I notice that the beaker I am using in the lab has a crack in it? Alert the teacher immediately so it can be collected properly and disposed of. The teacher will then give you another beaker.
7. You accidentally broke a test tube and the teacher swept up the broken glass. What should the teacher do next? Place the broken glass in the “broken glass” box and replace the test tube with a new one.
8. Emergency buttons

Think of one reason why your teacher may have to push this shut off button. Write it down.

Water might need cutting off if a pipe or faucet burst.

Electricity might need shutting off in emergency situations such as someone coming in contact with an electrical plug.

1. Accidents
2. What is the first thing you do when you get a minor burn? Alert the teacher immediately.
3. What is the first thing you do when you get a minor cut? Alert the teacher immediately.
4. Safety shower

Why would it be necessary to use the safety shower? Record your answer.

The safety shower would be used to remove chemicals from the body or clothes that could burn or injure.

1. Fire alarm.

Draw the proper exit plan for a fire drill for the class as students exit the building.

Side doors

Hallway

Sidewalk by street

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