



Dunman Secondary School Science Symposium

Safety Brief in the use of Laboratory

- Laboratory coats and covered shoes must be worn at all times
 - Wear Safety goggles and gloves (when handling biological materials and chemicals)
 - Long hairs must be tied to the back neatly.
 - No wearing of ties
 - No eating or drinking
 - No bags and files on stools, bench tops and walkways
 - No running around or playing
 - No sleeping
 - No smoking
 - Wash hands with medicated soap before and after each laboratory work.
 - Never touch common areas such as keyboard, telephone or door knobs with working gloves.
 - Read the labels of containers and instructions before using them
 - All containers must be properly and clearly labeled
 - All unlabelled materials are to be disposed immediately.
 - Always clean the working bench top with 70% alcohol to sterilize the working area.
 - Use a fumehood whenever possible especially when handling volatile solvents or hazardous chemicals.
 - Always throw away gloves, disposable tubes and pipette tips into the proper biohazard bags or bins labeled "Biohazard waste"
 - Bacterial cultures and other wastes shall be decontaminated by autoclaving before disposal.
 - Handle all cultures (e.g. bacterial, fungal) only in the laminar flow hood.
 - If there is any spillage of cultures, flood area with 30% bleach for at least 15-30 mins before wiping spills off.
 - Do not throw any water immiscible solvents down the sink
 - Broken glassware must be thrown into "Sharp bins"
 - Chemicals, solvents and toxic wastes are disposed into appropriate waste bottles.
 - If there is chemical spills, clean it up immediately.
 - All laboratories must be equipped with fire extinguisher and fire blanket
 - Clear working bench after use and return equipments to their appropriate storage places
 - Keep fire exits clear.
 - Avoid placing open flame near flammable liquids
- If any chemical spills,
- Onto skin – wash under running water
 - Over body – remove contaminated clothing and flush under safety shower
 - Into eyes – wash eye under running water

*"SAFETY IS PRIORITY, DO NOT COMPROMISE WITH SAFETY"
"BETTER SAFE THAN NEVER"*