





Table 3.6 — Personal Protective Equipment (PPE)

<i>Personal Protective Equipment</i>	<i>Body Part Protected</i>	<i>Potential Hazard Reduced</i>	<i>Why It Is Needed</i>
Chemical splash goggles 	Eyes	<ul style="list-style-type: none"> • splashing liquid • spraying solid or liquid • dust • corrosive vapour • corrosive or irritating liquid • projectiles, including broken glass 	Students should wear chemical splash goggles whenever they handle glassware, powders, and/or liquids (including hot water). Splash goggles fit snugly against the skin on the forehead and cheeks, creating a barrier that prevents dust, liquids, splashes, and sprays from entering the eyes.
Impact-resistant safety glasses with side protection 	Eyes	<ul style="list-style-type: none"> • projectiles or other moving objects 	Almost anything can break. Glasses with top and side panels protect the eyes from the impact of something moving toward the face.
Nitrile gloves 	Hands	<ul style="list-style-type: none"> • corrosive or poisonous materials • allergy to latex or vinyl • unknown or contaminated substances 	Gloves protect skin on hands when handling potentially hazardous materials (e.g., household cleaning products) and unknown substances (e.g., material collected outdoors). Nitrile gloves reduce the risk of an unexpected allergic reaction to latex or vinyl, which could be a problem if other types of gloves are used.
Oven mitts or heat-resistant leather gloves	Hands	<ul style="list-style-type: none"> • heat hazard 	Cloth or silicone oven mitts protect hands when picking up hot objects.
Mask 	Respiratory system	<ul style="list-style-type: none"> • dust 	A mask that covers the nose and mouth provides some protection from dust that can be created during activities.
Lab coat or apron	Clothing and skin	<ul style="list-style-type: none"> • substances that may stain fabric or irritate skin 	Clothing protects skin, and a lab coat protects clothing. Wearing a lab coat reduces the risk of exposure to substances that can soak through clothing to the skin.