




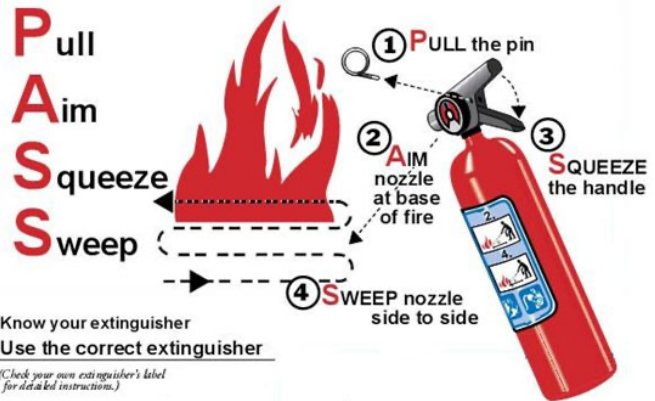


FIRE SAFETY

CLASS OF FIRE	TYPE OF FIRE	APPROVED FIRE EXTINGUISHER
 A Ordinary Combustibles	Wood, paper, cloth	Type A; Type A-B
 B Flammable Liquids	Gasoline, paints, oils, grease	Type A-B; Type B-C; Type A-B-C
 C Live Electrical Equipment	Electrical wiring, fuse box	Type B-C; Type A-B-C
 D Combustible Metal	Metals	Bucket of Sand
 K Commercial Cooking Equipment	Commercial cooking oil appliances	*Wet Chemical

*Class K extinguishers may require specific training, including when they should be used or not used. For example, the extinguishing agents in many Class K extinguishers are electrically conductive and should only be used after electrical power to the kitchen appliance has been shut off.

To operate an extinguisher:



What is the fire tetrahedron?

To understand how to prevent fires, it is important to know how a fire can occur. Four elements must be present at the same time for a fire to take place:

- Fuel or combustible material - something to burn, such as paper or wood.
- Heat - to raise the material to its ignition (burning) temperature.
- Oxygen - to sustain combustion (the fire).
- Chemical reaction - the process of burning.
- If you remove any of these four elements, the fire will not be able to burn.



Key Points to Remember in a Fire Situation:

- Aim at the base (bottom) of the fire and work your way up as the fire extinguishes.
- Fire extinguishers will work for about 10 to 30 seconds depending on size and charge.
- Fire extinguishers are primarily intended to get you out of a fire situation so you can exit the building.
 - Fire extinguishers are not intended to fight a fire that is large or spreading.
 - Fire extinguishers can provide an exit for you and others.
- Fire extinguishers at PCS are ABC Dry Chemical Extinguishers and can be used on most any fire you would encounter at the school.
- Fire extinguishers are generally placed by exits and approximately 25 meters apart.
- If in doubt → get out. Do not attempt fire suppression if you are unsure or doubtful.