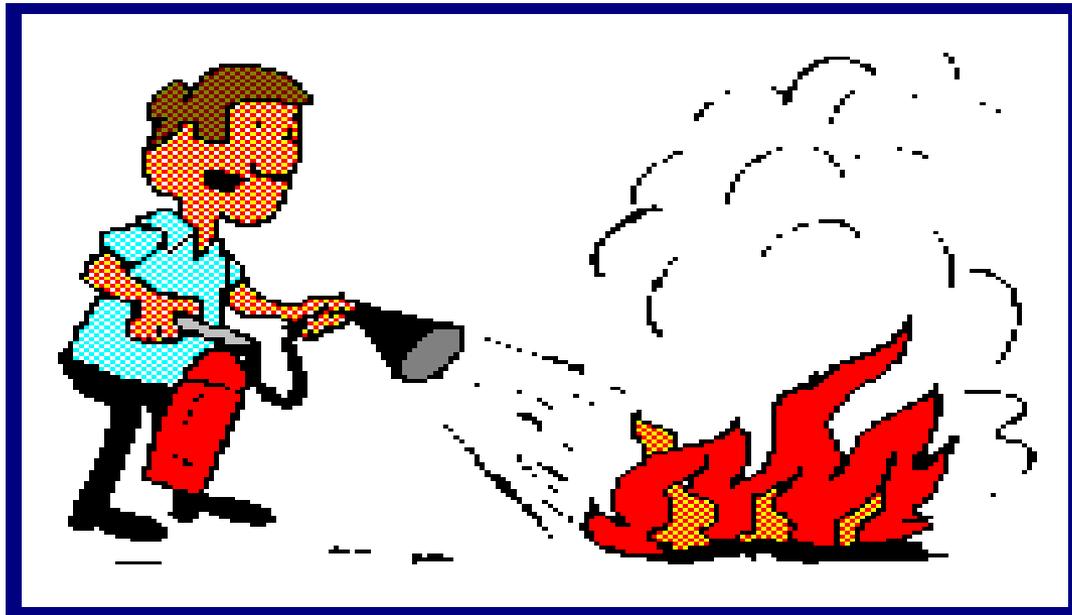
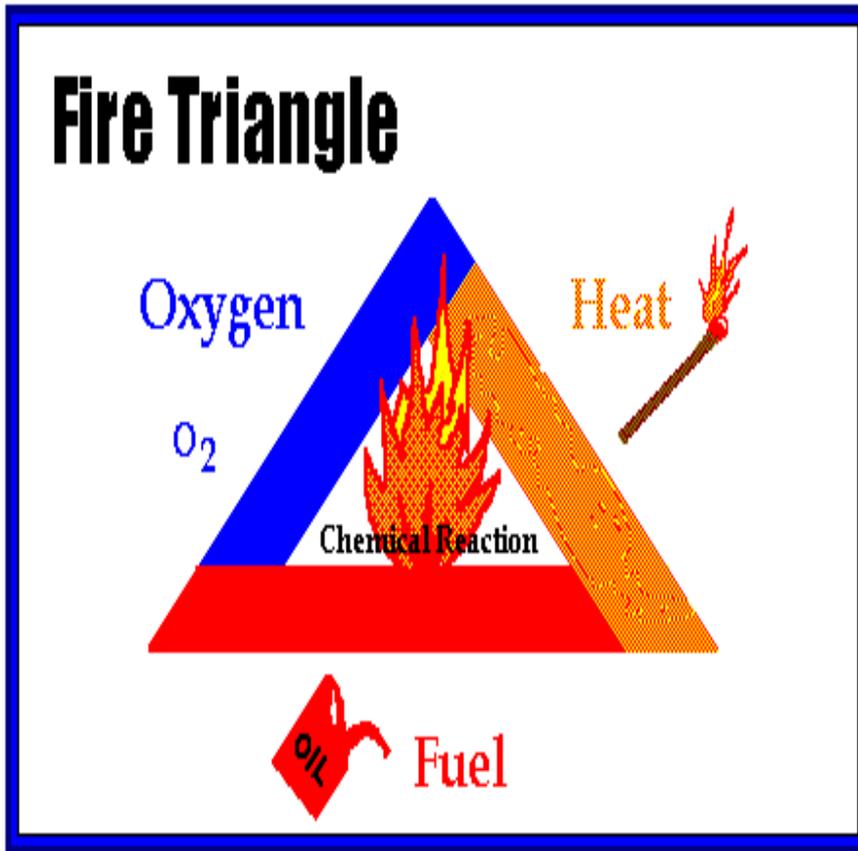


# Fire Safety & Fire Extinguisher Use

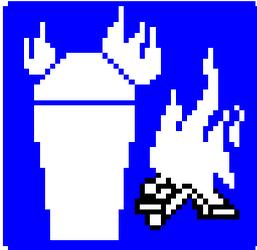


# *How Does a Fire Work?*

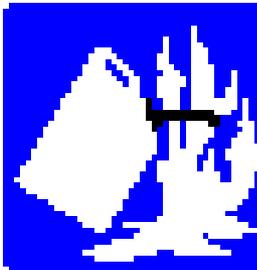


- Three components
- Need all three components to start a fire
- Fire extinguishers remove one or more of the components

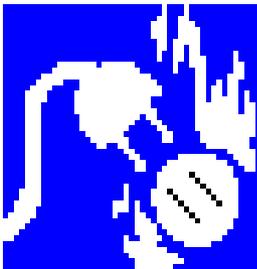
# *Types of Fires*



- **Class A** - Wood, paper, cloth, trash



- **Class B** - Flammable liquids, oil, gas, grease



- **Class C** - Electrical, energized electrical equipment

- **Class D** - Combustible metals

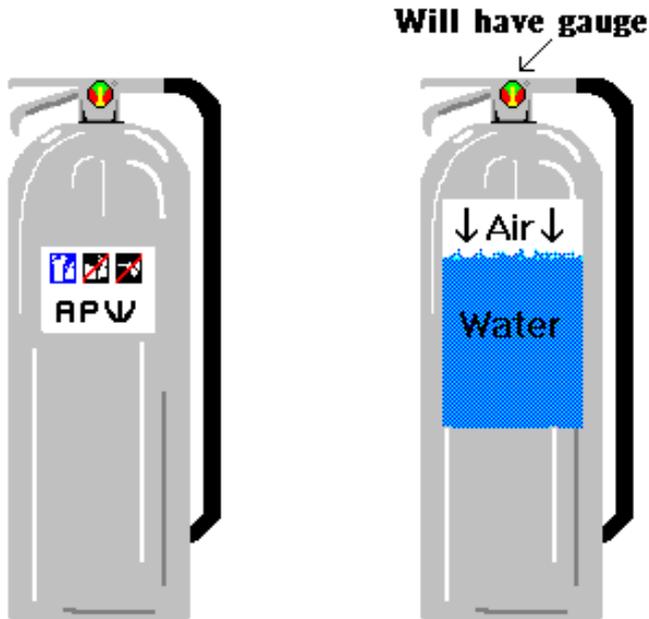
# *Different Kinds of Extinguishers*

The 4 most common fire extinguishers:

- All Purpose Water
- Carbon Dioxide
- Multi-Purpose Dry Chemical
- Dry Powder

Each kind of extinguisher has a specific use

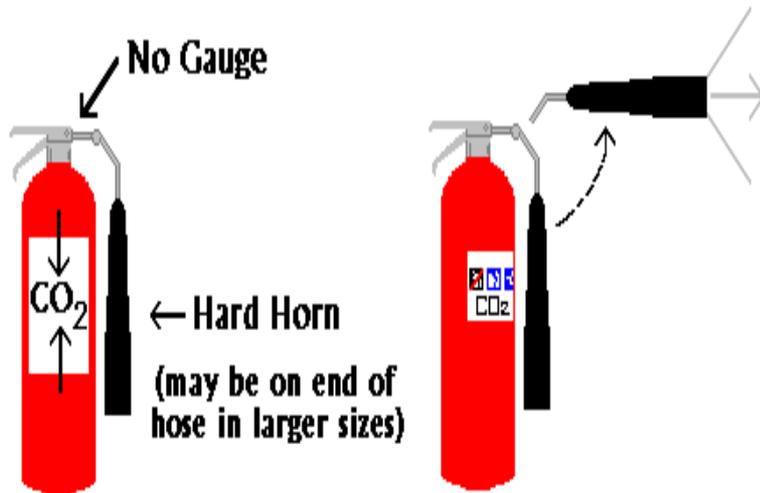
# *All Purpose Water*



- Use on CLASS A fires
- Pressurized water
- Pressure gauge present

# *Carbon Dioxide*

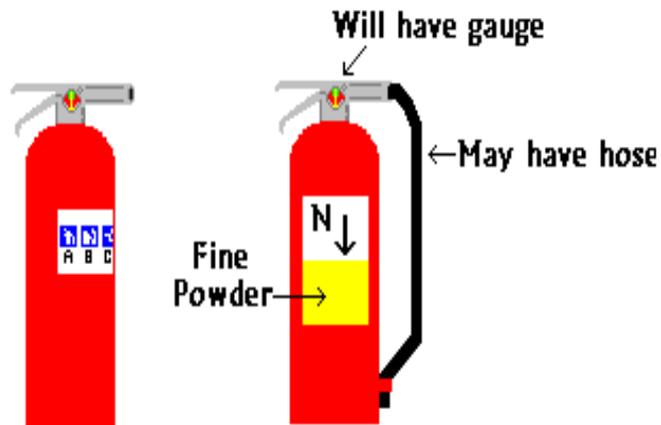
## Carbon Dioxide Extinguisher



- Use on CLASS B and CLASS C fires
- Hard, plastic nozzle
- No pressure gauge

# *Multi-Purpose Dry Chemical*

## Dry Chemical Extinguisher (ABC)

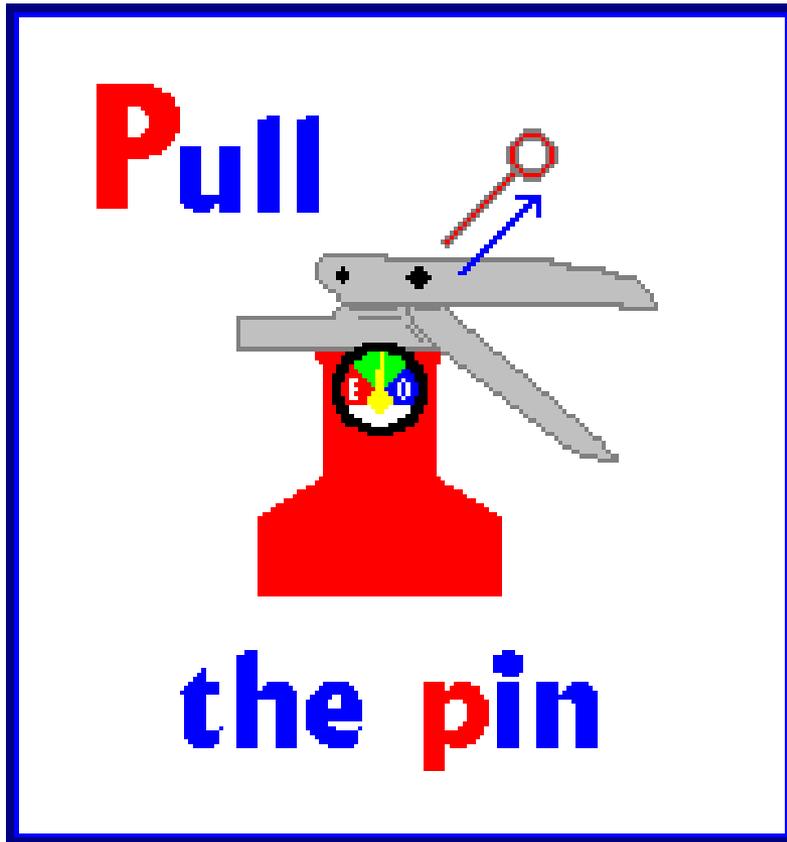


- Use on CLASS A, CLASS B, and CLASS C fires
- Fine powder under pressure
- Pressure gauge present

# How to Use a Fire Extinguisher



# *P.A.S.S. Method*



**P**ull the pin

This will allow you to  
squeeze the handle in order  
to discharge the  
extinguisher

# *P.A.S.S. Method*

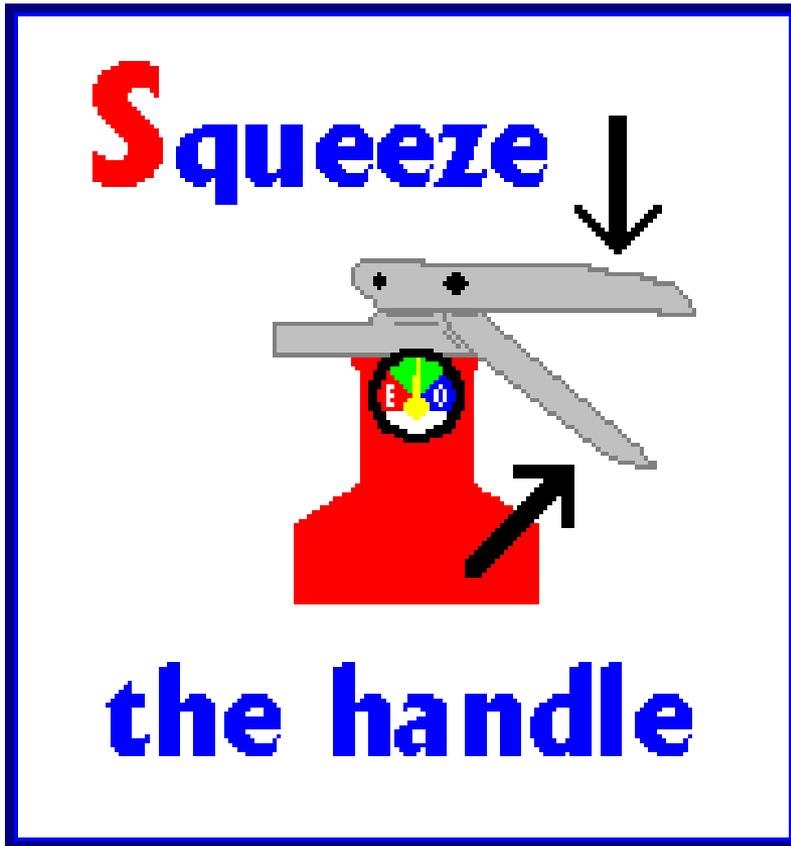


**Aim at the base of  
the fire**

Aiming at the middle  
will do no good.

The agent will pass  
through the flames.

# *P.A.S.S. Method*



**S**queeze the  
handle

This will release the  
pressurized  
extinguishing agent

# *P.A.S.S. Method*



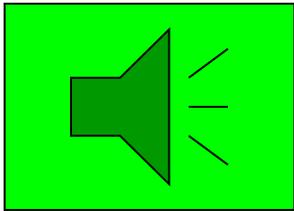
## **S**sweep side to side

Cover the entire area that is on fire. Continue until fire is extinguished. Keep an eye on the area for re-lighting.

# *When NOT to Fight a Fire!*



- Remember to keep an exit to your back
- Only fight a fire in the incipient stage



## *Most Important Slide*

NEVER fight a fire if any of the following apply:

- Don't have the proper extinguisher or equipment
- Fire has spread beyond its point of origin
- Your instincts tell you GET OUT

# *Emergency Procedures*

## In the Event of Fire

- Pull nearest alarm station
- Immediately exit the building

If you hear an alarm  
**DO NOT**  
assume it is a drill,  
your life may depend on it!

# *Emergency Procedures*

## Building Evacuation

- Proceed to nearest exit in an orderly fashion
- Assemble at least 100 feet from building
- Provide emergency crews with information about people still in the building
- Provide information to emergency crews about the reason for evacuation
- Never re-enter a building until instructed to by the police department, fire department, or EHS staff.