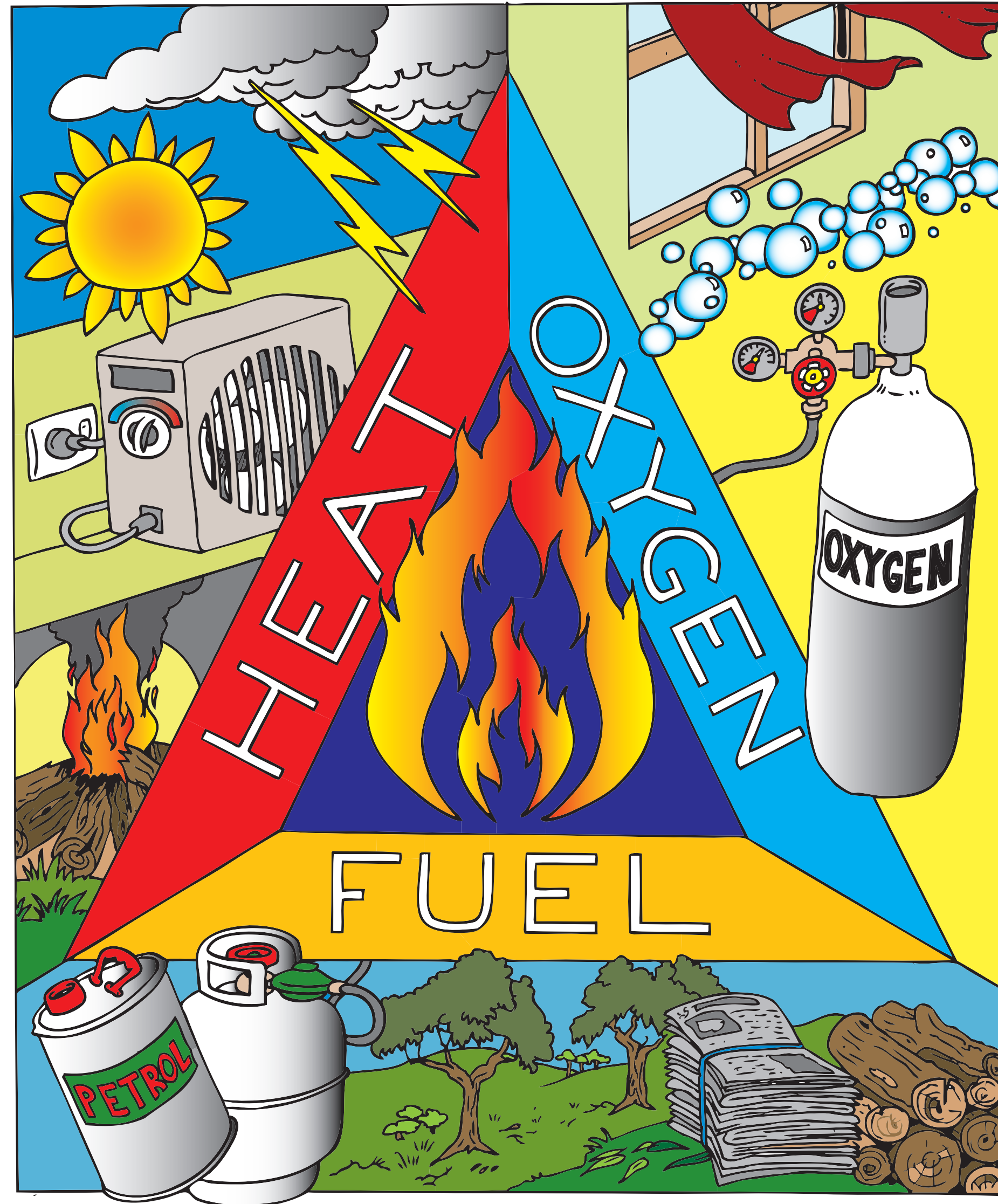


FIRE TRIANGLE



➤ KEY POINTS

- Fire needs three things to burn:
 - Heat (lightning, sun, radiant heat from heater etc.)
 - Fuel (wood, paper, leaves, gas, petrol etc.)
 - Oxygen (air)
- Fire is the chemical reaction that occurs when these three things are present and the conditions are right.
- Removing any one of these three things will make the fire go out.

Questions for discussion

What would happen if **fuels were removed?**

Discuss the ways that fuels could be removed (clearing away leaves, twigs and other debris).

What would happen if **oxygen were removed?**

Discuss the ways that oxygen could be removed (smother a small fire with a fire blanket; fire extinguisher; water).

What would happen if **heat were removed?**

Discuss the ways that heat could be removed (fire extinguisher; water).