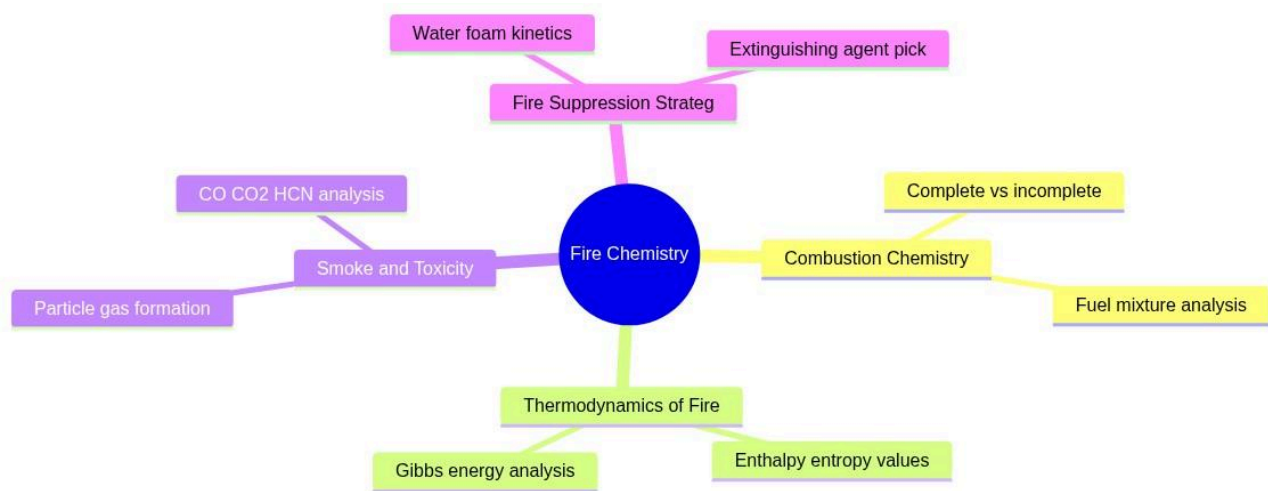


Fire Dynamics

Fire Chemistry



mindmap

```

root((Fire Chemistry))
  Combustion Chemistry
    Complete vs incomplete
    Fuel mixture analysis
  Thermodynamics of Fire
    Enthalpy entropy values
    Gibbs energy analysis
  Smoke and Toxicity
    Particle gas formation
    CO CO2 HCN analysis
  Fire Suppression Strateg
    Water foam kinetics
    Extinguishing agent pick
  
```