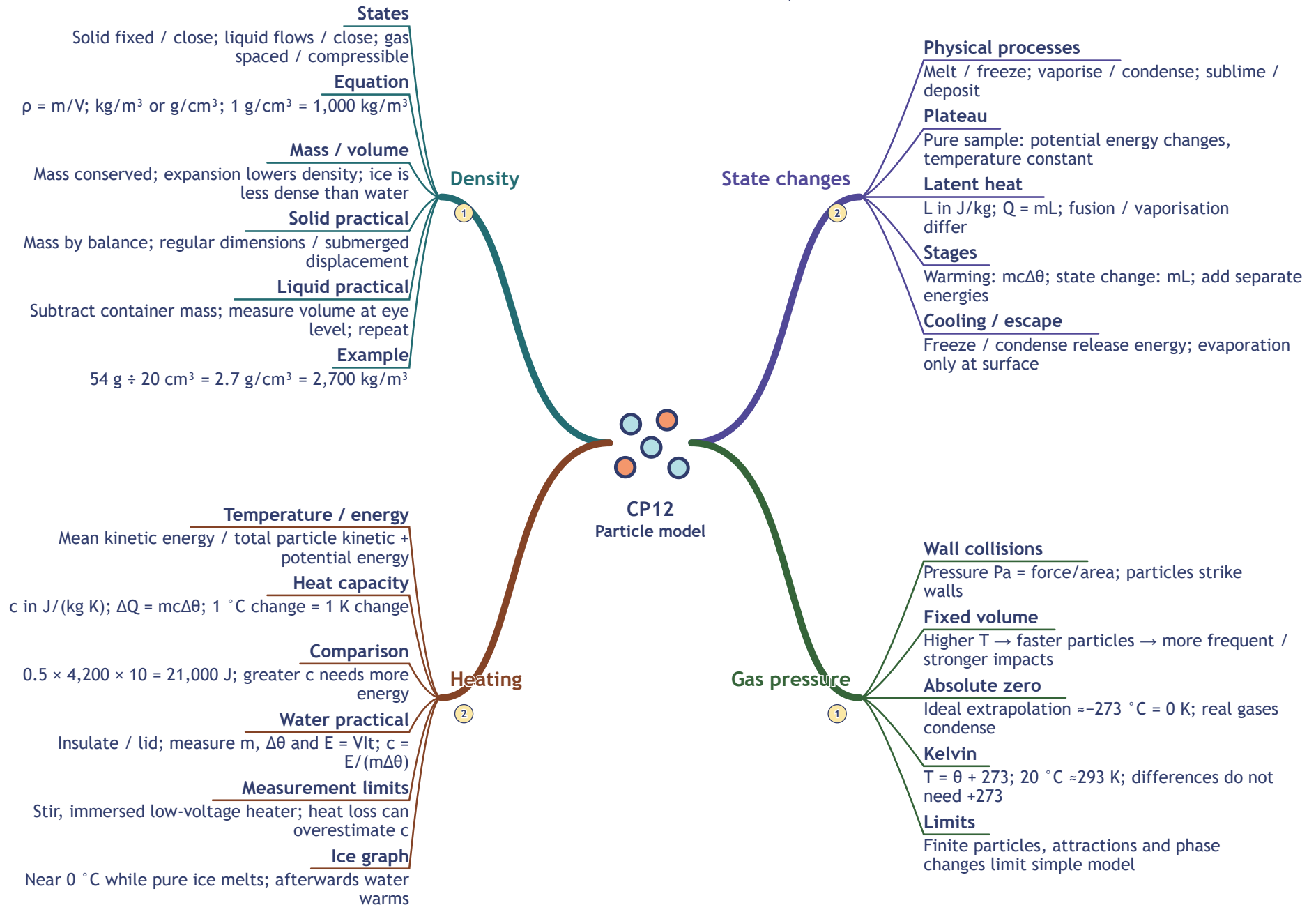




1. Density $\rightarrow$ Gas pressure: Particle motion and spacing explain state and pressure.
2. Heating $\rightarrow$ State changes: Heating changes temperature or causes a state change.