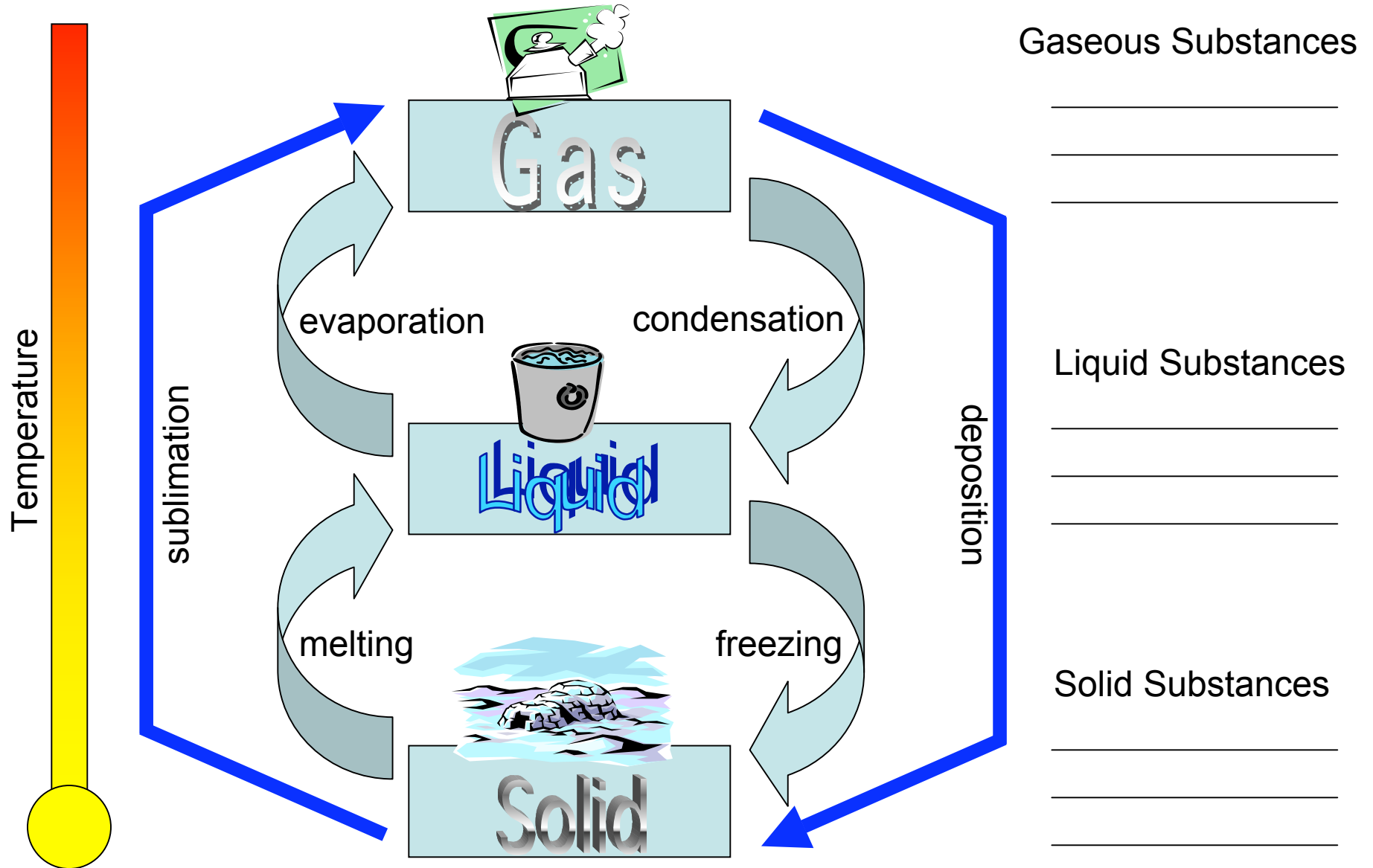
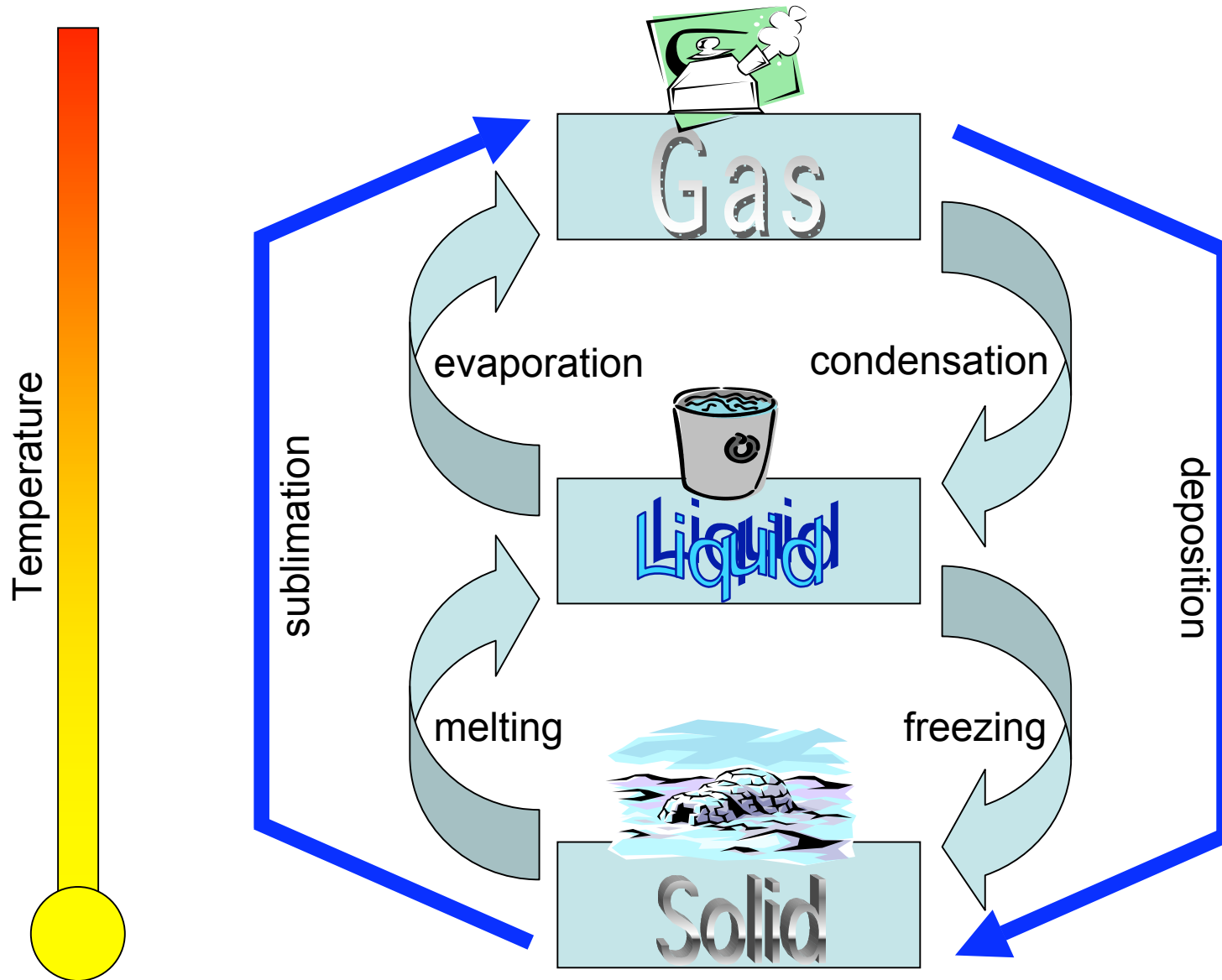


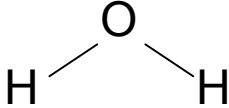
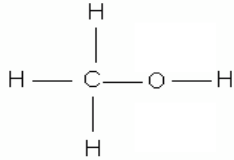
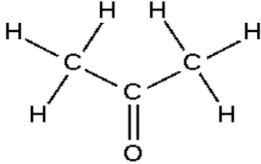
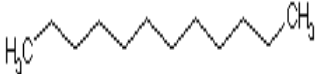
States of Matter



States of Matter



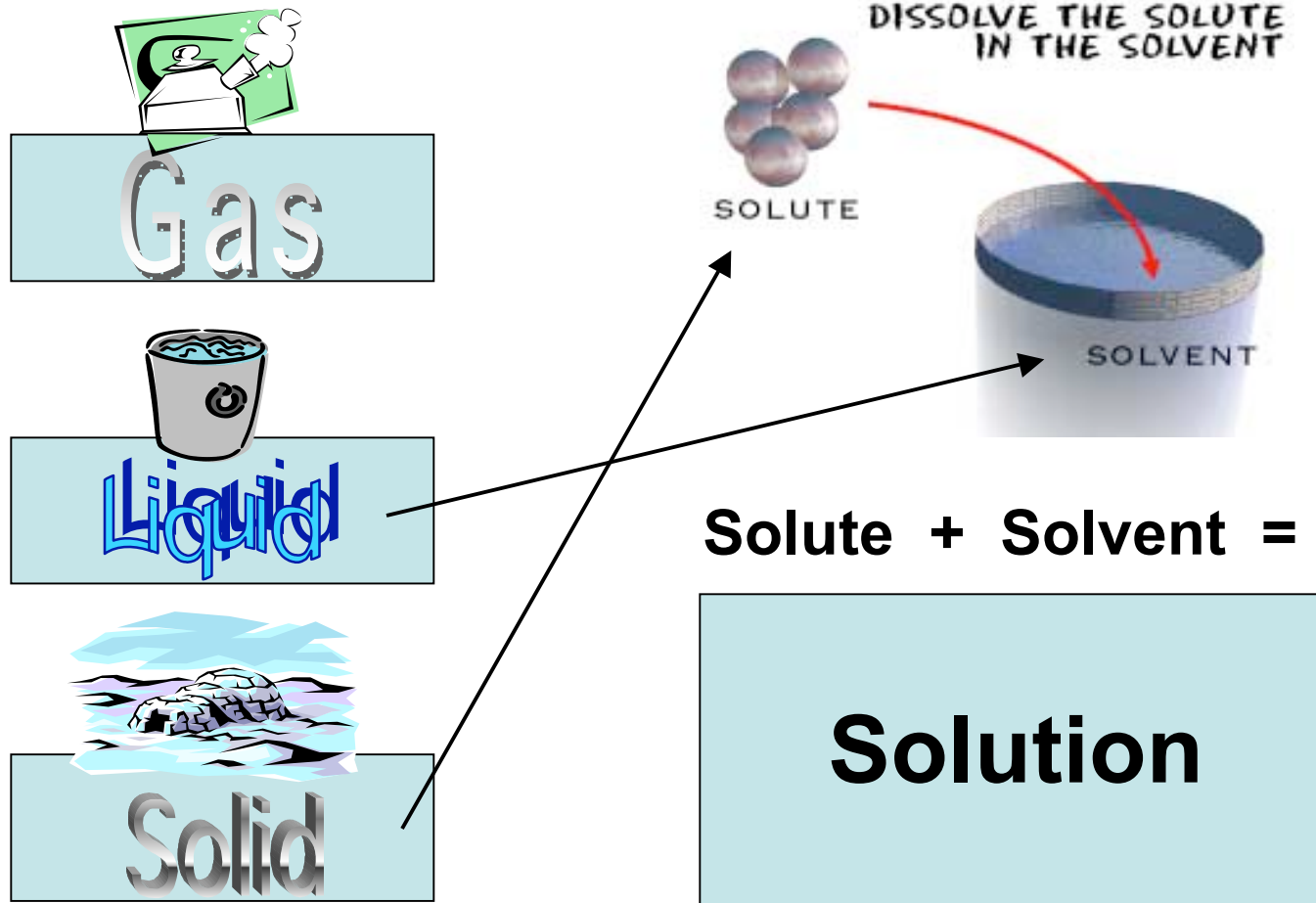
Evaporation

| Substance | Chemical Structure | Chemical Formula | Hypothesis | Result |
|-------------|---|-----------------------------------|------------|----------------|
| Water |  | H ₂ O | | slow |
| Methanol |  | CH ₃ OH | | fast |
| Acetone |  | CH ₃ COCH ₃ | | fastest |
| Mineral Oil |  C08374 | C ₁₂ H ₂₆ | | not observable |

Evaporation

| Substance | Chemical Structure | Chemical Formula | Hypothesis | Result |
|--------------------|---------------------------|-------------------------|-------------------|---------------|
| Water | | | | |
| Methanol | | | | |
| Acetone | | | | |
| Mineral Oil | | | | |

States of Matter



Matter can exist in 4 different states: It can be a gas, a liquid, a solid or it can be in solution.

Solutions

Hypothesis

| | Sugar | Salt |
|------------------|--------------|-------------|
| Water | | |
| Olive Oil | | |

Experiment

| | Sugar | Salt |
|------------------|--------------|-------------|
| Water | | |
| Olive Oil | | |

Solutions

Hypothesis

| | Sugar | Salt |
|------------------|--------------|-------------|
| Water | | |
| Olive Oil | | |

Experiment

| | Sugar | Salt |
|------------------|------------------|------------------|
| Water | <i>soluble</i> | <i>soluble</i> |
| Olive Oil | <i>insoluble</i> | <i>insoluble</i> |