

# Properties of Water

Water is a polar molecule

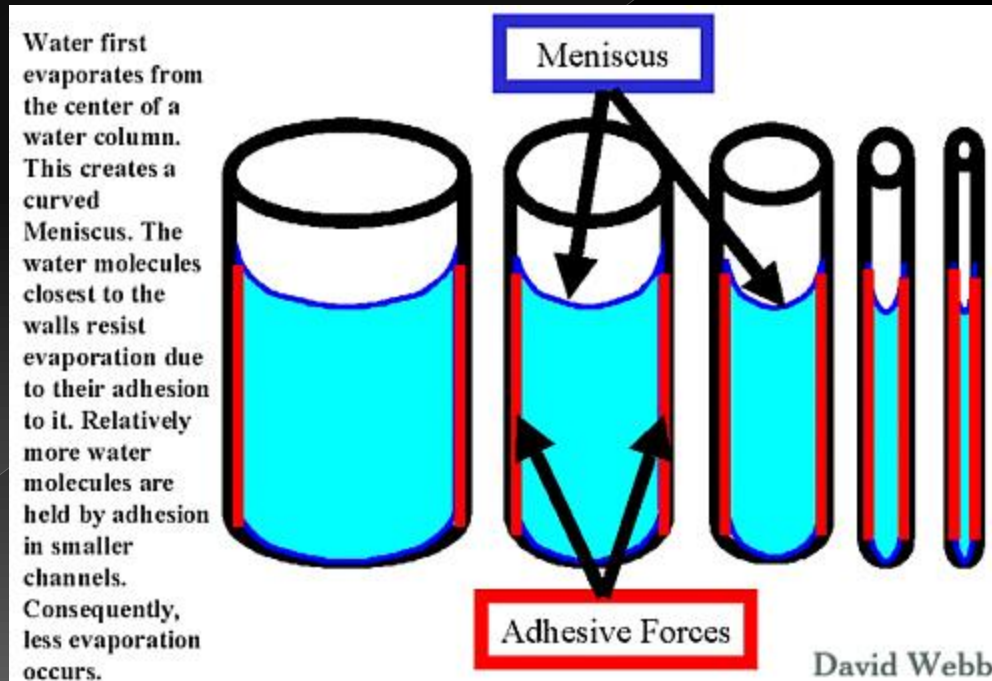
# Cohesion

- attraction between molecules of the same substance
- causes surface tension



# Adhesion

- attraction between molecules of different substances
- causes capillary attraction

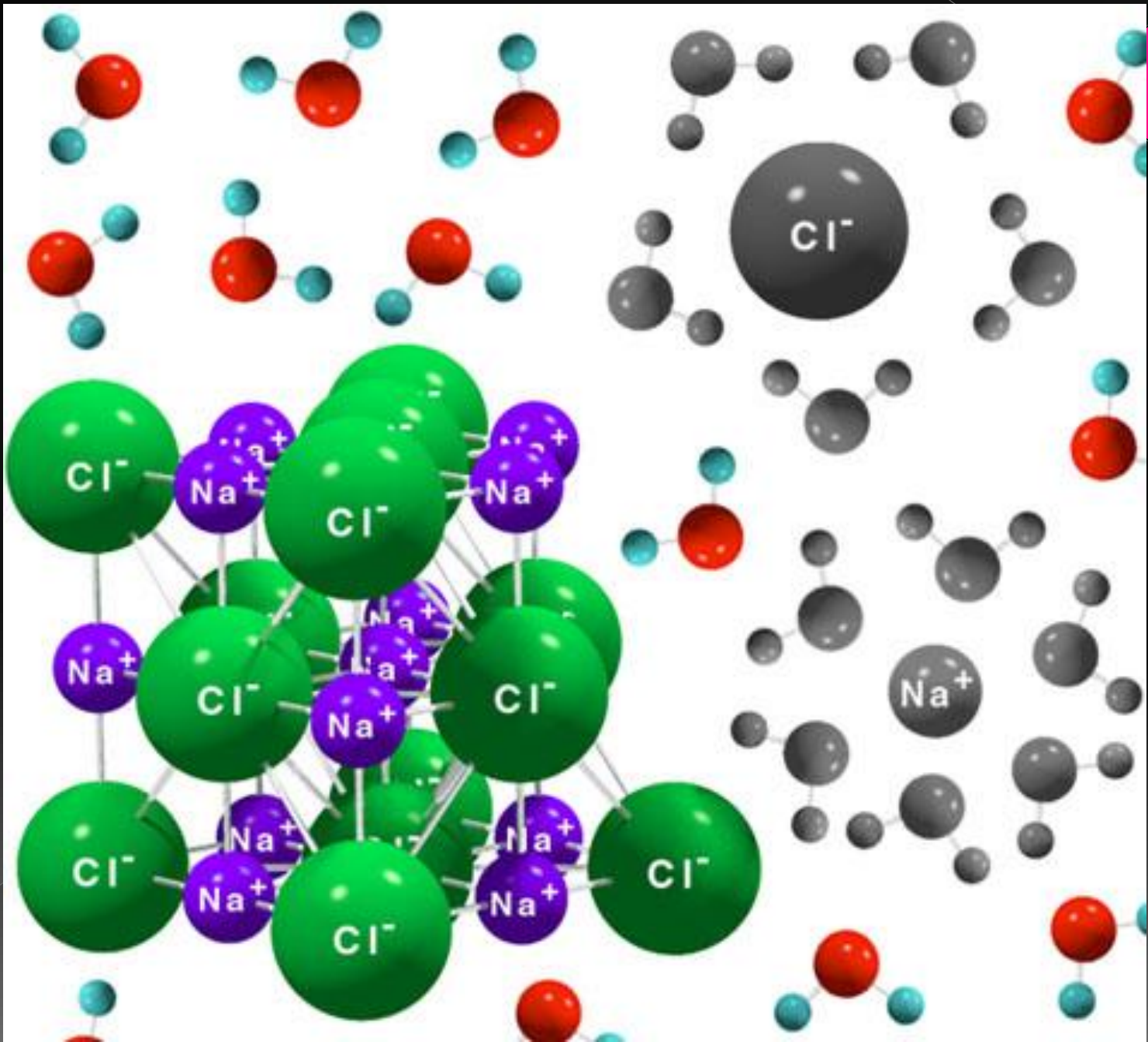


# Heat Capacity

- a measure of heat energy required to increase the temperature of a substance

# Solubility

- How easily something is dissolved.
- Solute-the substance being dissolved
- Solvent-the substance doing the dissolving
- Water is known as the universal solvent



# Phase Changes

- As water becomes colder it is more dense.
- However, when it turns to ice it becomes less dense. Ice floats in water

