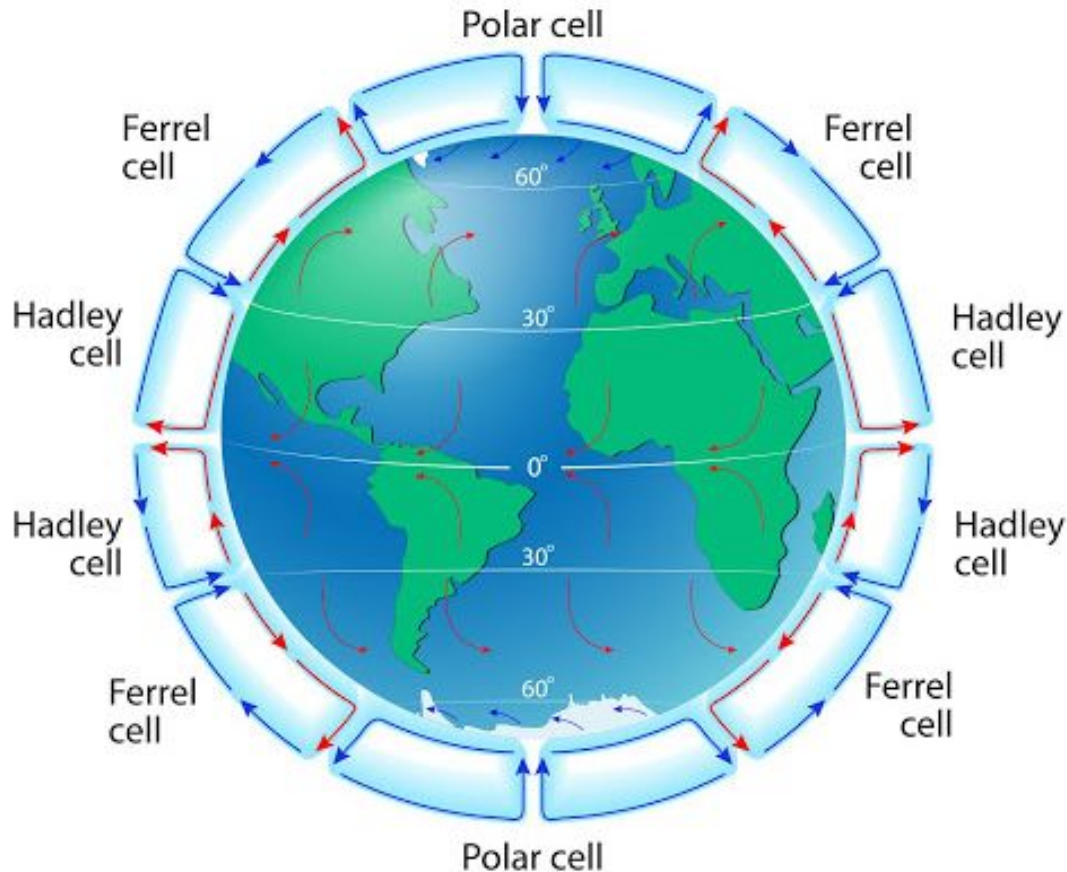


Ocean Currents

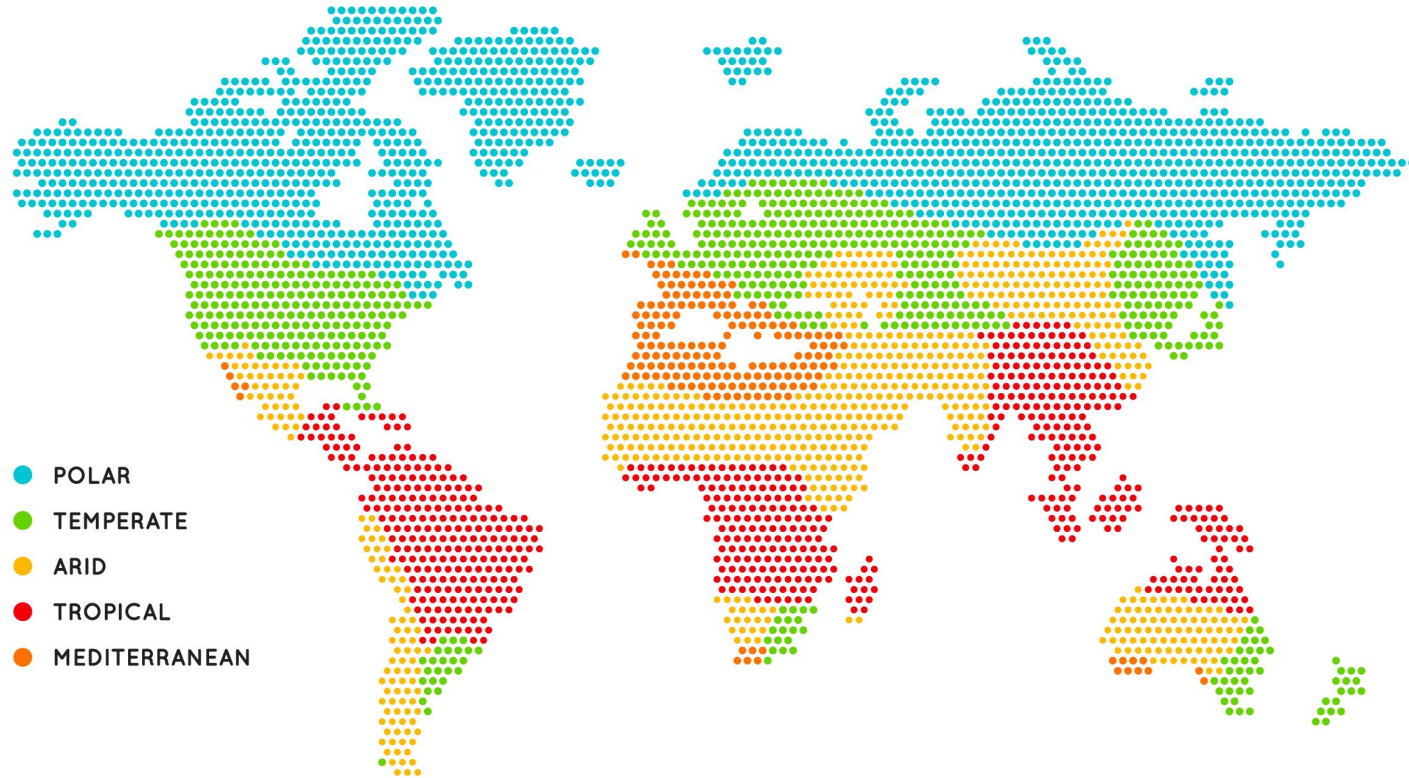
Picture Vocabulary

Atmospheric Movement



Global air circulation patterns within the atmosphere held to Earth by gravity and warmed as heat radiates from Earth; influenced by convection of warm, less dense air (rises and spreads out) and cold, dense air (sinks)

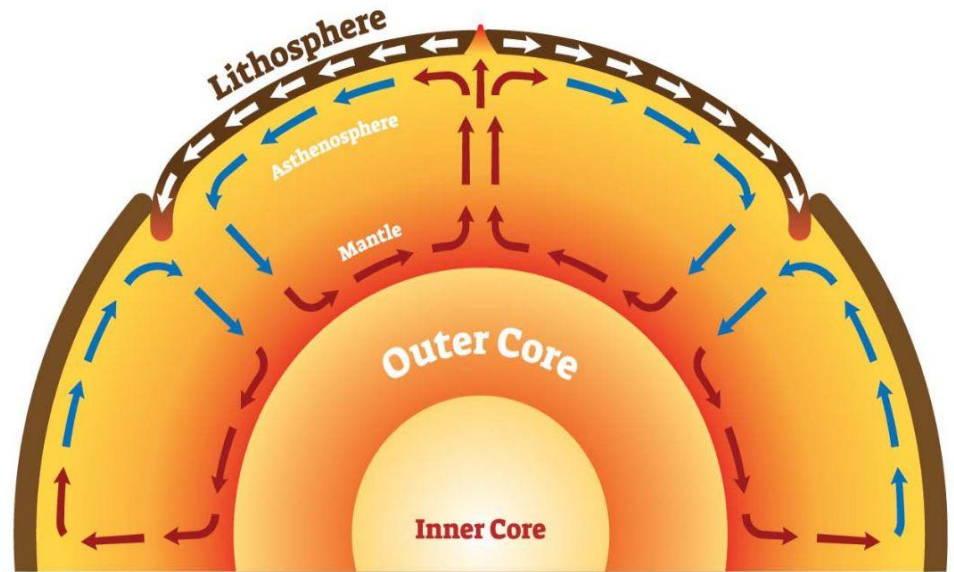
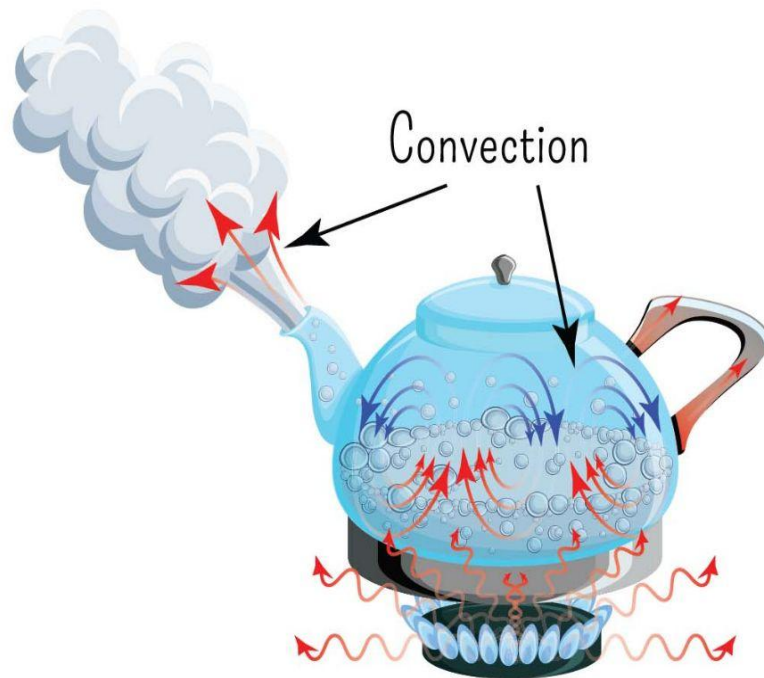
Climate



DOTTED CLIMATE CLASSIFICATION WORLD MAP

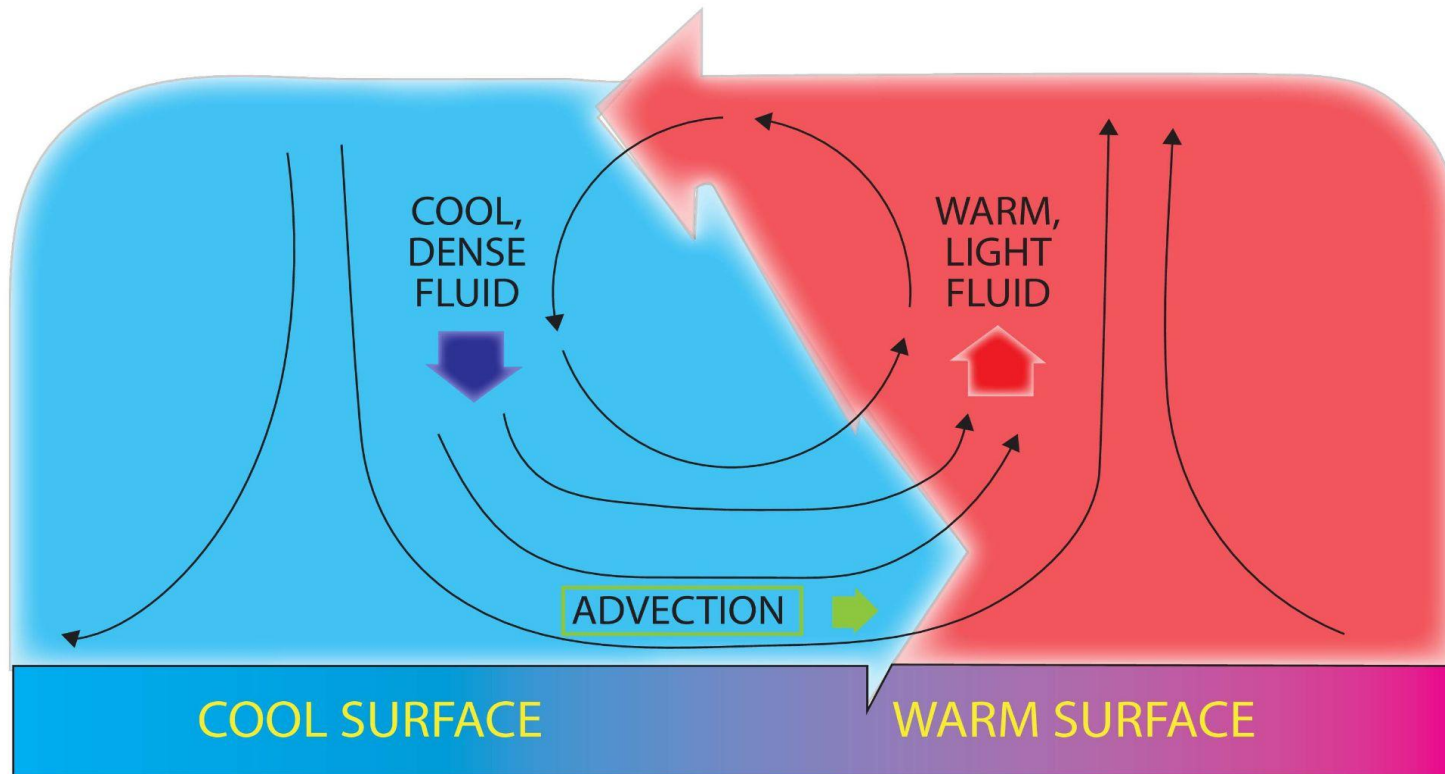
Average weather patterns for a particular region

Convection



Heat transfer caused by the rising of hotter, less dense fluids and the falling of cooler, denser fluids

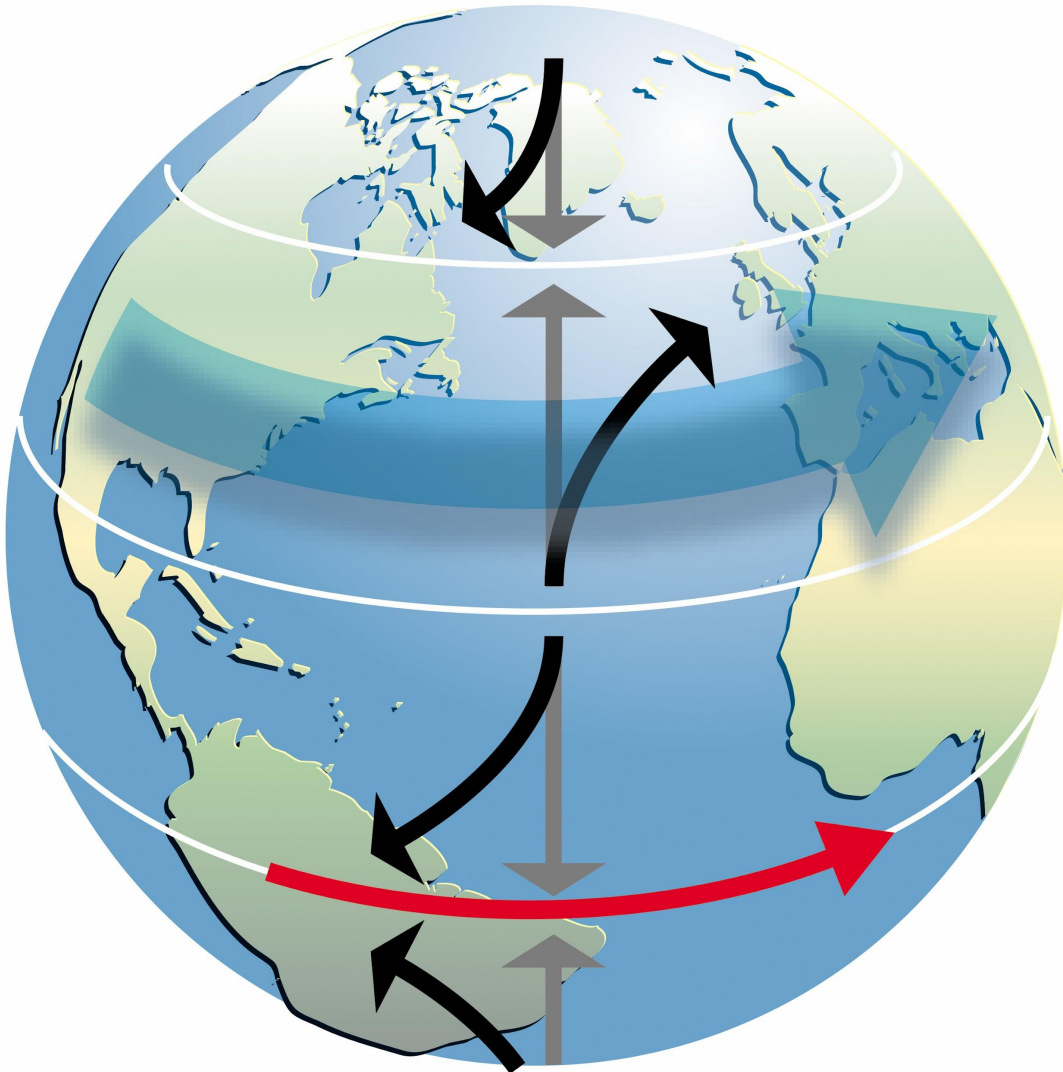
Convection Current



Convection Process

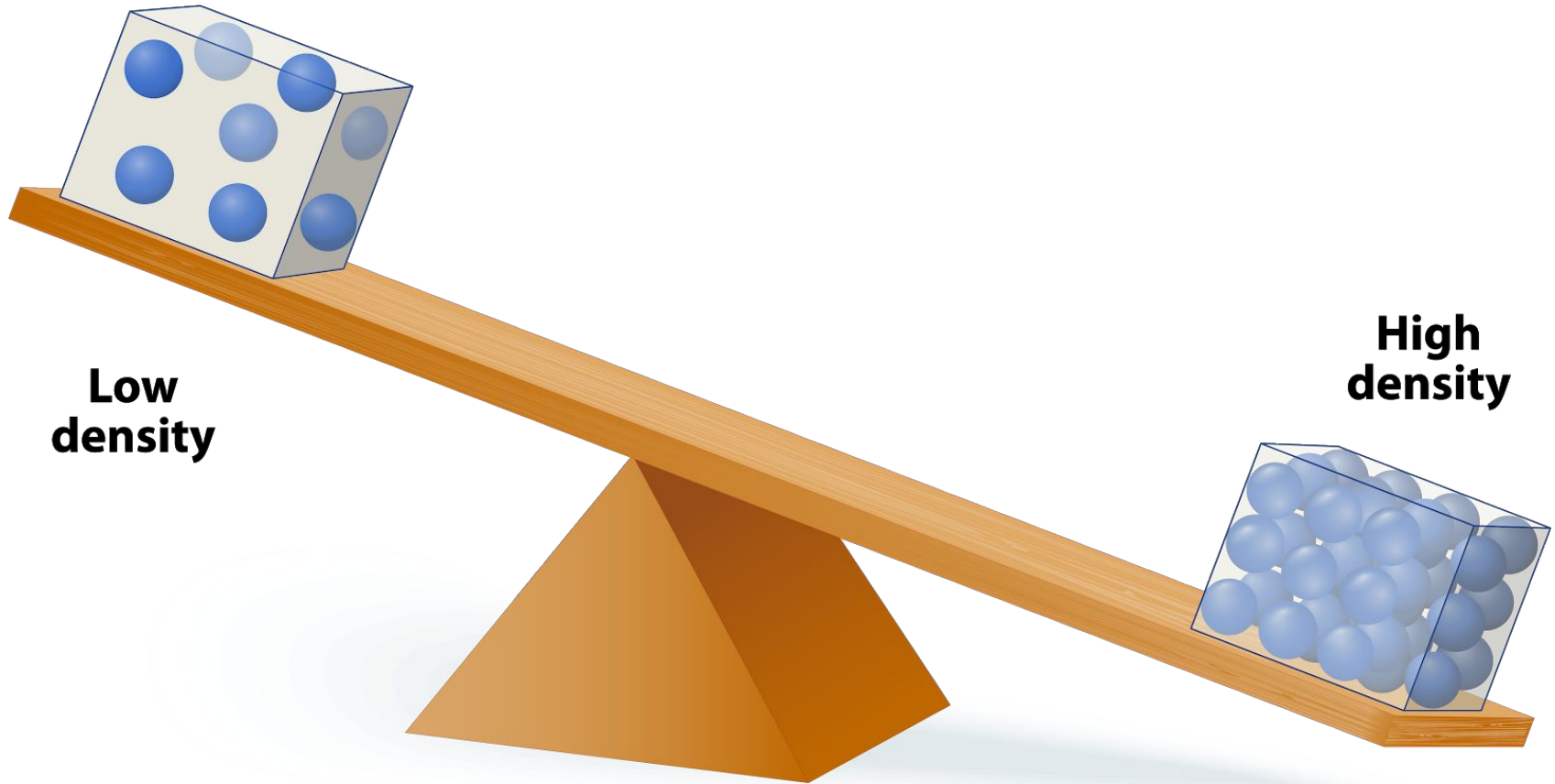
A circular movement of fluids caused by the rising of hotter, less dense fluid and the falling of cooler, denser fluid

Coriolis Effect



The apparent deflection of moving air, as seen by an observer on Earth, as a result of Earth's rotation

Density



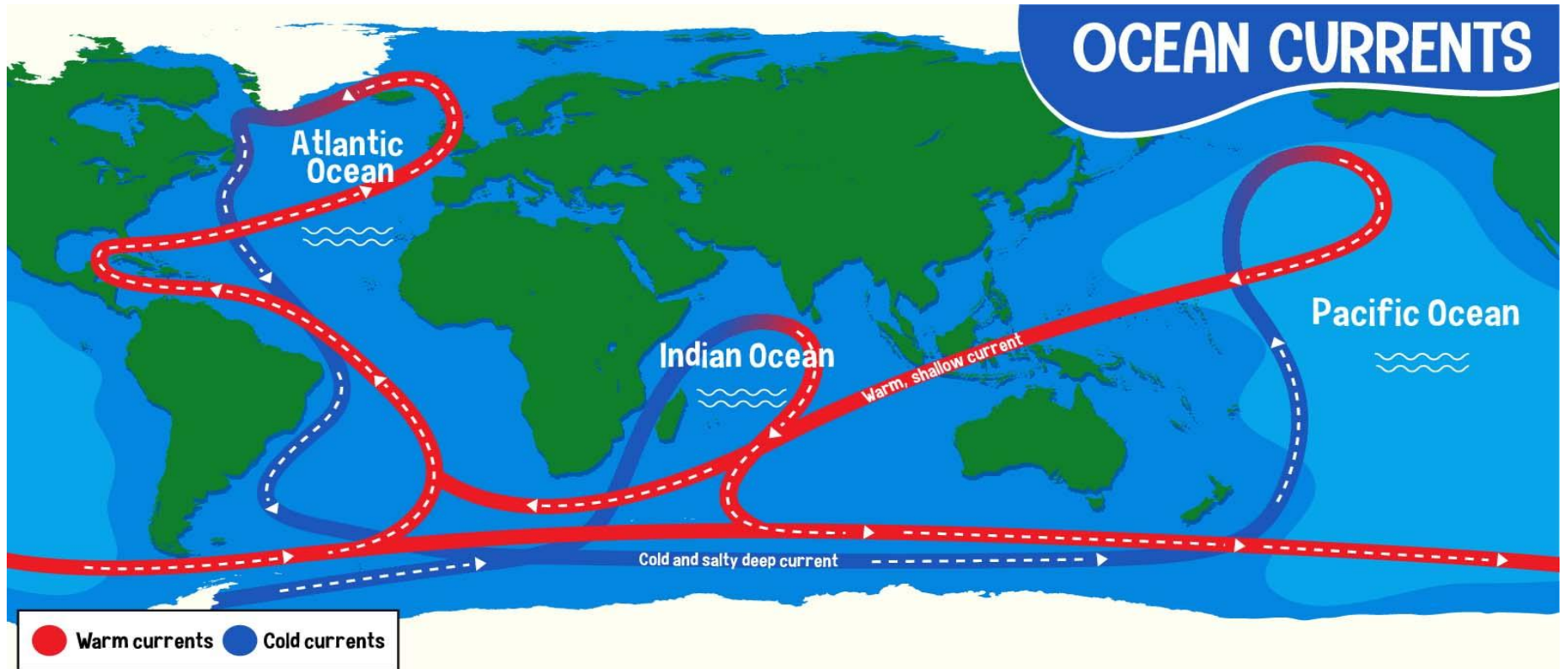
The amount of matter in a given space or volume

Global



Relating to the whole world

Ocean Currents



Directional movements of ocean water; surface currents result from steady winds over the ocean surface; deep currents result from density variations due to temperature and salinity differences

Rotation



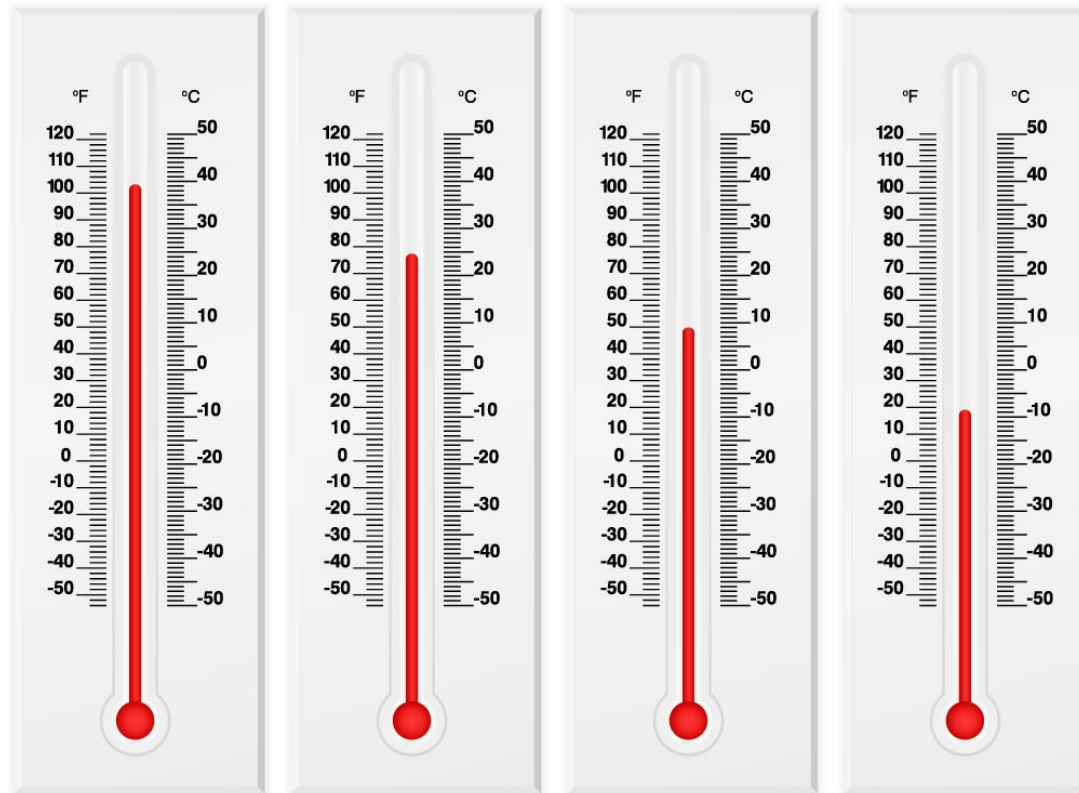
The spinning of Earth on its axis that causes day and night to occur

Salinity



Saltiness or dissolved salt content of a body of water

Temperature



Average kinetic energy of all the particles in a material; measured by a thermometer in degrees (usually degrees Celsius or degrees Fahrenheit)