- An internal pressure that also pushes outwards to balance the air/water pressure that pushes inwards

- How chemicals cycle
  - Biogeochemical cycles: the complete path a chemical takes through four major components, or reservoirs, of Earth’s system: atmosphere, hydrosphere, lithosphere (rocks and soils), and biosphere

- Matter and Energy
  - Two entities: matter and energy
    - Energy: the ability to do work
    - First law of thermodynamics:

- Chemical reactions
  - A process in which new chemicals are formed from elements and compounds that undergo a chemical change