

Chemistry Vocabulary

Academic Vocabulary

- absorption
- abundance
- analogy
- analyze
- approximate
- balanced
- calculate
- characteristic
- classify
- coefficient
- compare
- continuum
- correlate
- criteria
- directly proportional
- distinguish
- emission
- emit
- estimate
- evaluate
- evidence
- expand
- hypothesize
- infer
- interact
- interpret
- inversely proportional
- magnitude
- manipulate
- measure
- observe
- pattern
- per
- plausible
- predict
- produce
- proportional
- propose
- qualitative
- quantify
- quantitative
- simultaneous
- spectrum
- subscript
- transfer
- trend
- valid
- yields

Content Vocabulary

- absolute zero
- absorption
- accurate
- actinide
- activation energy
- alpha particle
- aqueous
- atmosphere
- atmospheric pressure
- atom
- atomic mass/formula mass
- atomic radii
- atomic spectra
- average kinetic energy
- Avogadro's number
- beta particle
- boiling point
- boiling point elevation
- bond energy
- Bose-Einstein condensate
- branching network
- Brønsted-Lowry acid/base
- calorimetry
- catalyst
- chain reaction
- chemical property
- chemical system
- coefficient
- colligative property
- collision theory
- combined gas law
- combustion
- complete ionic equation
- compound
- concentration
- conductivity
- cosmic domain
- covalent
- crystallization
- decomposition
- density
- deposition
- deposition point
- diffusion
- dimensional analysis
- dipole-dipole force
- double replacement
- effective collision
- effusion
- electrically charged
- electron affinity
- electron cloud
- electron configuration
- electronegativity
- element
- emission
- endothermic
- energy level
- enthalpy
- entropy
- enzyme
- equilibrium
- error analysis
- excess reagent
- excited state
- exothermic
- experimental yield
- family
- fission
- formula
- freezing point depression
- fusion

Chemistry Vocabulary

- gamma ray
- Geiger counter
- Gibbs free energy
- ground state
- group
- heat of formation
- Hess's Law
- hydrogen bond
- ideal gas law constant
- immiscible
- indivisible sphere
- inert
- intermolecular forces
- ionic
- ionic lattice
- ionic radii
- ionization
- ionization energy
- isotope abundance
- kinetic energy
- kinetic molecular theory
- lanthanide
- Lewis acid/base
- Lewis structure
- limiting reagent
- London dispersion force
- macroscopic domain
- magnitude
- manometer
- melting point
- metalloid
- misible
- mm Hg
- molality
- molar mass
- molarity
- mole
- mole fraction
- molecular equation
- molecular geometry
- molecule
- net ionic equation
- network covalent
- neutralization
- nomenclature
- nonpolar
- nuclear force
- nuclear reactor
- orbital
- orbital diagram
- organic
- orientation
- oxidation reduction
- partial pressure
- Pascals
- percent composition
- percent error
- percent yield
- period
- periodic
- phase diagram
- photon
- physical property
- plasma
- polar
- polarity
- polyatomic ion
- polymer
- positron
- potential energy
- precipitation
- precise
- predictable
- products
- $PV = nRT$ (ideal gas law)
- qualitative
- quantitative
- quantum
- quantum number
- quark
- radiation
- radio tracer
- radioactive decay
- radioisotope
- ratio
- reactants
- reaction rate
- real gas
- saturated
- significant figure
- single replacement
- solubility
- solute
- solution
- solvent
- specific heat
- spectator ion
- spontaneity
- stable
- standard temperature and pressure (STP)
- state
- stoichiometric
- subatomic
- sublevel
- sublimation
- sublimation point
- submicroscopic domain
- substrate
- supersaturated
- surface tension
- synthesis
- synthetic
- temperature
- theoretical yield
- thermal energy
- torr
- transition state
- triple point
- triple point
- unpaired
- unsaturated
- valence electron
- van der Waals force
- vapor pressure
- vapor pressure depression
- viscosity
- VSEPR