Integrating PhET with General Chemistry Topics

http://phet.colorado.edu

Introduction to Atoms, Molecules and Ions
- Atomic Interactions
- Balloons and Static Electricity
- Friction
- Gas Properties
- Microwaves
- Models of Hydrogen Atom
- Salts & Solubility

Formulas, Composition, Measuring chemicals, Stoichiometry
- Atomic Interactions
- Reactions and Rates
- Reactants, Products and Leftovers
- Salts & Solubility

Chemical Reactions & Solution Stoichiometry
- Reactants, Products and Leftovers
- Reactions & Rates
- Soluble Salts

Gases
- Balloons & Buoyancy
- Gas Properties

Thermochemistry
- Reactions and Rates
- Gas Properties
- The Greenhouse Effect
- Microwaves
- States of Matter

Atomic structure, Periodicity, Bonding
- Alpha decay
- Beta Decay
- Blackbody
- Greenhouse
- Microwaves
- Models of Hydrogen Atom
- Neon Lights
- Nuclear Fission
- Photoelectric effect
- Radioactive Dating Game
- Rutherford Scattering
- States of Matter
- Waves on a String

Liquids and Solids
- Atomic Interactions
- States of Matter

Chemical Kinetics and Equilibrium
- Reaction and Rates
- Soluble Salts

Acids, Bases and Electrolytes
- pH Scale
- Soluble Salts

Nuclear Reactions
- Alpha Decay
- Beta Decay
- Nuclear Fission
- Radioactive Dating Game

All Chemistry Simulations
- Alpha Decay
- Atomic Interactions
- Balloons & Buoyancy
- Balloons and Static Electricity
- Beta Decay
- Blackbody Spectrum
- Gas Properties
- The Greenhouse Effect
- Microwaves
- Models of the Hydrogen Atom
- Neon Lights and Other Discharge Lamps
- Nuclear Fission
- pH Scale
- Photoelectric Effect
- Radio Waves & Electromagnetic Fields
- Radioactive Dating Game
- Reactants, Products and Leftovers
- Reactions & Rates
- Reversible Reactions
- Rutherford Scattering
- Salts & Solubility
- States of Matter
- Waves on a String

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