

Ankara Üniversitesi
Kütüphane ve Dokümantasyon Daire Başkanlığı

Açık Ders Malzemeleri

Çalışma Planı (Çalışma Takvimi)

Haftalar	Haftalık Konu Başlıkları
1.Hafta	Introduction: The birth of chemistry, chemical calculation and unit systems, material and energy, Lavoisier's law, Dalton's atomic theory, the law of constant proportions, the law of multiple proportions.
2.Hafta	Introduction: The birth of chemistry, chemical calculation and unit systems, material and energy, Lavoisier's law, Dalton's atomic theory, the law of constant proportions, the law of multiple proportions.
3.Hafta	Chemical Calculations: Mole, finding the chemical formulas, oxidation, reduction, oxidation and reduction numbers, balancing reaction equations, calculations based on chemical reactions.
4.Hafta	Chemical Calculations: Mole, finding the chemical formulas, oxidation, reduction, oxidation and reduction numbers, balancing reaction equations, calculations based on chemical reactions.
5.Hafta	Atomic Structure: Material and energy, atomic structure and developments in atomic theory, the electrical structure of material, electrons, protons, atomic nucleus, neutrons.
6.Hafta	Atomic Structure: Material and energy, atomic structure and developments in atomic theory, the electrical structure of material, electrons, protons, atomic nucleus, neutrons.
7.Hafta	Atomic Structure: Material and energy, atomic structure and developments in atomic theory, the electrical structure of material, electrons, protons, atomic nucleus, neutrons.
8.hafta	Periodic Table: Periodic law and the energy levels of the atom, the electron arrangement of elements.
9.Hafta	Periodic Table: Periodic law and the energy levels of the atom, the electron arrangement of elements.
10.Hafta	Structure of the Nucleus: Atomic nucleus, radioactive decay, nuclear fission and fusion, isotopes.
11.Hafta	Structure of the Nucleus: Atomic nucleus, radioactive decay, nuclear fission and fusion, isotopes.
12.Hafta	Chemical Bonds: Chemical bond types, bond properties, chemical bonding theories, Lewis formulations, hybridization, resonance, formal load, dipole moment.
13.Hafta	Chemical Bonds: Chemical bond types, bond properties, chemical bonding theories, Lewis formulations, hybridization, resonance, formal load, dipole moment.
14.Hafta	Gases: Physical properties of gases, mole, volume, temperature, pressure effects on each other, the ideal gas law, kinetic theory of gases.