Note: You will need to create an account on the Khan Academy website. Each video will have a few questions for you to answer – these can be found on the Shopping List page on the course website.

Introduction to the atom
https://www.khanacademy.org/science/chemistry/atomic-structure-and-properties/introduction-to-the-atom/v/introduction-to-the-atom

Orbitals
https://www.khanacademy.org/science/chemistry/atomic-structure-and-properties/orbitals-and-electrons/v/orbitals

More on Orbitals and Electron Configurations https://www.khanacademy.org/science/chemistry/atomic-structure-and-properties/orbitals-and-electrons/v/more-on-orbitals-and-electron-configuration

Electron Configurations 2
https://www.khanacademy.org/science/chemistry/atomic-structure-and-properties/orbitals-and-electrons/v/electron-configurations-2

Valence Electrons
https://www.khanacademy.org/science/chemistry/atomic-structure-and-properties/orbitals-and-electrons/v/valence-electrons-lewis

Empirical, molecular, and structural formulas https://www.khanacademy.org/science/chemistry/chemical-reactions-stoichiome/empirical-molecular-formula/v/empirical-molecular-and-structural-formulas

Molecular Mass
https://www.khanacademy.org/science/chemistry/chemical-reactions-stoichiome/empirical-molecular-formula/v/molecular-mass-and-molecular-weight

Balancing Chemical Equations
https://www.khanacademy.org/science/chemistry/chemical-reactions-stoichiome/balancing-chemical-equations/v/balancing-chemical-equations-introduction

Visually understanding balancing chemical equations https://www.khanacademy.org/science/chemistry/chemical-reactions-stoichiome/balancing-chemical-equations/v/visually-understanding-balancing-chemical-equations

Dot Structures I: Single Bonds
https://www.khanacademy.org/science/organic-chemistry/gen-chem-review/dot-strcutures-jay/v/dot-structures-i-single-bonds-1

Dot Structures II: Multiple Bonds
https://www.khanacademy.org/science/organic-chemistry/gen-chem-review/dot-strcutures-jay/v/dot-structures-ii-multiple-bonds-1