4.3 Modern Atomic Theory

**Unit:** 3 – Atom

### Learning Objectives:

a. **Describe** Bohr’s model of the atom and the evidence for the energy levels.

b. **Explain** how the electron cloud model represents the behavior and location of electrons in the atom.

c. **Distinguish** the ground states from excited states of an atom based on electron configurations**.**

### Language Objectives:

* Understand and correctly use the terms “energy levels”, “electron cloud”, “orbital”, “electron configuration”, “ground state”

### Notes: