**CHAPTER TWO**

**SYNOPSIS**

A number of studies have been carried out to identify and analyze the numerous factors that affect academic performance in various centers of learning. Their findings identify students’ effort, teachers instructional methods, previous schooling (Siegfried & Fels, 1979; Anderson & Benjamin, 1994), parents’ education, family income, teachers instructional methods, (Devadoss & Foltz, 1996), self motivation, age of student, teachers instructional methods, learning preferences (Aripin, Mahmood, Rohaizad, Yeop, & Anuar, 2008), class attendance (Romer, 1993), and entry qualifications as factors that have a significant effect on the students’ academic performance in various settings.

In this chapter, review of all these related studies will be presented. The review will be recognized under the following subheadings:

* 1. The Concept of Teachers Instructional Methods
  2. Concept of Teacher Characteristics
  3. Factors Influencing Students Academic Performance
  4. Use of Instructional Methods in Teaching Biological Science
  5. Factors Influencing Students Academic Performance in Biological Science
  6. Qualities of Good Teaching
  7. Quality in Teaching and Learning
  8. Education Effectiveness
  9. Quality of Outputs from Nigerian Secondary Schools
  10. Challenges of Teaching and Learning Biology in the Secondary School in Nigeria
  11. Conceptual Framework of the Study