



Workshop on Pedagogy and Integrated Medical
and Dental Curriculum:

Using concepts in academic achievement analysis.

O.M. Oluwatosin
Department of Surgery
University of Medical Sciences, Ondo



Learning Outcomes

On completion of this unit, you should be able to Discuss issues relating to:

- **Academic Failure,**
- **Academic Underachievement,**
- **Poor Academic Performance and its applicability in medical education**



IMPORTANCE OF ACADEMIC ACHIEVEMENT ANALYSIS TO MEDICAL EDUCATION.

It will:

- Promote standard.
- Facilitate the need to give consideration to the issue of individual differences.
- Serve as feedback mechanism for the re-evaluation of medical curriculum.
- Serve as a measure to promote efficiency in medical practices.



KEY CONCEPTS IN ACADEMIC ACHIVEMENT ANALYSIS

- Academic failure
- Poor academic performance
- Causative factor in poor academic achievement and scholastic malfunctioning
- Basic cognitive skills.



PRINCIPLE CONCEPTS

ACADEMIC FAILURE

- Performance that falls below a specified standard or criterion of excellence.
- The University of Medical Sciences, pass mark in all the faculties is 40%.
- The pass mark is an arbitrarily set standard.



PRINCIPLE CONCEPTS

POOR ACADEMIC PERFORMANCE

- Performance that falls below a desired standard.
- More subjective than Academic Failure because a desired standard could be interpreted in various ways.
- Any performance that falls below this *adequate, appropriate, wished or wanted* standard.
- Can span from zero to 100; and therefore a pass mark might be poor performance depending on the expectation or standard desired.



Problems in the Nigerian context

- **Wastage in human and financial resources.**
- **Public examination performance in Nigeria has been consistently poor in the past 20 years.**
- **At the primary school level, many pupils go through without acquiring the basic academic survival skills.**
- **Most primary school pupils at the completion of their education can neither read nor write.**



Implications of Mass Academic Failure and Poor Academic Performance

- **For The Society:**
- **For the School:**
- **For the Family:**
- **For the Child:**



CAUSATIVE FACTORS IN SCHOLASTIC MALFUNCTIONING

Causes Resident in the Individual Child.

- Physical and Health Factors
- Lack of Basic Cognitive Skills
- Emotional Problems
- Lack of Necessary Background knowledge and Skills
- Poor Study Habits/Deficient Examination Strategies
- Continuous Failure
- Low or Poor Achievement Motivation



CAUSATIVE FACTORS IN SCHOLASTIC MALFUNCTIONING

Causes Resident at home.

- Nature of Home Discipline
- Family Relationship
- Level of Cognitive Stimulation
- Available Financial Resources
- Availability of Medical Facilities

Diagnosis

- Observation
- Interviews
- Psychological tests



CAUSATIVE FACTORS IN SCHOLASTIC MALFUNCTIONING

Causes resident at School:

- Deficient Physical Environment
- Location of the School
- Individual Buildings:
- Poor Interpersonal Relationships with the School
- Poor Quality of Teaching Staff
- Existence or non-existence Teaching
- Inadequacy of Teachers
- Training of Teachers and teacher years of experience
- Method of Teaching
- Evaluation of Learning
- Inadequate Teaching and Equipment Facilities
- Teacher Poor Condition of Service
- Inadequate Curricula



CAUSATIVE FACTORS IN SCHOLASTIC MALFUNCTIONING

Causes resident in the society:

- Un-equitable Distribution of Resources
- Social Class Differences
- Inadequate Medical Facilities
- Ethnic Conflicts
- Anti-Intellectual Value in a Society
- Inadequacies of the Educational System
- Intermittent Strike Actions



REMEDICATION OF THE CAUSES OF POOR ACADEMIC AND SCHOLASTIC MALFUNCTIONING RESIDENT IN THE CHILD

Remediation is aimed at enlightening you on the major approaches in managing the various causes of this malady which are resident in the Child.

- Physical and Health Factors
 - Lack of Basis Cognitive Skills
 - Emotional Problems
 - Lack of Necessary Background Knowledge and Skills
 - Poor Study Habits/Deficient Examination Strategies
 - Fostering Achievement Motivation in Learners
 - Enhancing Motivation for Classroom and School Environment
- Learning: The Practical Approach



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