

PERCEPTION OF STAKEHOLDERS ON THE AVAILABILITY AND MAINTENANCE OF
INSTRUCTIONAL FACILITIES IN PUBLIC SENIOR SECONDARY SCHOOLS IN KEBBI
STATE

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ABSTRACT

The study examined the perception of stakeholders on the availability and maintenance of instructional facilities in public senior secondary schools in Kebbi state. Descriptive survey research design was adopted for the study. The overall population consists of 274 principals, 4538 teachers, 91 education zonal officials, which gives total of 4903 respondents in which 357 respondents were sampled as recommended by the research advisors (2006) at 95 percent confidence level and 5% margin error. The researchers developed two (2) research objectives two (2) research questions and two (2) null hypotheses were formulated and tested at 0.05 significance. Related literature was reviewed based on the issues raised in the objectives. Closed ended adapted questionnaire was used as the instrument for data collection. The face and content validity of the instrument was ascertained by two experts in the Department of Educational Foundations and Curriculum. To determine the reliability coefficient of the instrument, a pilot study was conducted and 40 copies of questionnaire administered was retrieved and analyzed using Cronbach Alpha equation, and the reliability index obtained was 0.83 by split half method. The data gathered was analyzed using mean and standard deviation for research questions and Analysis of Variance (ANOVA) for hypotheses testing at 0.05 significant levels. All the Two (2) null hypotheses tested were rejected. The finding reveals among others was that enough text books, wall charts and white board materials were available in most public senior secondary schools in Kebbi State, and there is maintenance of instructional facilities include sitting chairs and sustainable mathematical tools in most public senior secondary schools in Kebbi State. Based on the findings, the study recommended among others that, digital teaching aid and electronic software should be provided to meet global technological competition in teaching and learning in Public Senior Secondary Schools in Kebbi state in particular and Nigeria in general.

Key Words: Perception, available, Maintenance, Instructional, Facility, School

INTRODUCTION

Education is the biggest industry in Nigeria. It affects everybody in one way or the other and has long been identified as a powerful and dynamic instrument for social change and economy progress in any country. It is a social service that is provided for the general population of a country for the purpose of educating and providing enlightenment for the people. It is in this regard that the introductory note to Federal Republic of Nigeria (FRN, 2004) clearly stated that the Federal Government of Nigeria has adopted education as an instrument "par excellence" for effective

national development. In support 'of this, Reuben, Odey and Egod (2012), Oduma (2013), Anibleze, (2013), Agommuoh (2014), Sanubi and Akpotu (2015), Aliyu (2017) and Aliyu and Dauda (2018) agreed that development of any society or modern nation has been found to be linked to the quality of its education system.

Among the levels of education system in Nigeria, public senior secondary schools education is crucial. Secondary education occupies a very strategic position in Nigeria education system. It is the education children are exposed to after primary education and before the reaching the tertiary level. According to Federal Republic of Nigeria (2004), the broad goals of secondary education shall be to prepare the individual for useful living within the society and higher education. In specific term, secondary education shall:

- a. Provide all primary school leavers with the opportunity for education of a higher level, irrespective of sex, social status, religious or ethnic background;
- b. Offer diversified curriculum to cater for the differences in talents, opportunities and future roles
- c. Provide trained manpower in the applied Science, technology and commerce at sub-d professional grades;
- d. Develop and promote Nigerian languages art and culture in the context of world
- e. Cultural heritage; inspire students with a desire for self-improvement and achievement of excellence;
- f. Foster national unity with an emphasis on the common ties that unite us in our
- g. Diversity; raise a generation of people who can think for themselves, respect the views and feelings of others, respect the dignity of labour, appreciate those values specified under our broad national goals and live as good citizens.
- h. Provide technical knowledge and vocational skills necessary for agricultural, industrial, commercial and economic development.

To achieve the above stated objectives, many factors are involved in educational arena, among of which availability of instructional facilities are paramount. Instructional facilities are vital for any teaching-learning process to proceed effectively. The desirability of adopting material facilities for teaching cannot be over emphasized in making the lesson concrete and practicable. They are necessary tools that facilitate teaching and learning process. Hence, they need to be adequately provided and regularly maintained so as to achieve the goals of the school. Osahon (1998) cited in Udoson (2015) provides a comprehensive list of instructional facilities and grouped them into the following:

1. Instructional Facilities: these include desks, chairs, blackboards, cupboards, shelves dusters, wash hand basins, napkins, teaching aids among others.
2. Recreational Facilities: These include football, table-tennis, volley ball, net ball, hockey, tourniquet, short put, high jump stands/crossbars, javelin, hurdles, trophies, jersey, bells, notice boards, electric generator, typewriters photocopying machines, computers.

Instructional material is one of the facilities used in public senior secondary schools. Its use to makes teaching and learning to practical, hence, there is a need to make availability and maintenance of this facility. This is because instructional materials help to make instructions practical and real thereby facilitating the understanding of the instruction (Okendu, 2012).

Most instructional materials require finance so educational administrators during educational budgeting make provision for instructional materials. But sometimes the money made available is not sufficient. According to Asiabaka (2008), the quality of education that children receive bears direct relevance to the availability or lack thereof of infrastructural facilities and overall atmosphere in which learning takes place. The school facilities consist of all types of buildings for academic and non-academic activities, equipment for academic and nonacademic activities, areas for sports and games, landscape, farms and gardens including trees, roads and paths. The use of aids in teaching is of importance as they help to stimulate Learners interest and promote understanding. It is against this backdrop that this study is set to assess the perceptions of stakeholders on the availability and maintenance of school facilities in Secondary Schools in Kebbi State.

Many researches point to the suggestion that the number of instructional facilities available for public senior secondary schools education remains inadequate for the eligible number of students in Kebbi State. The problem is more prevalent in urban areas like Birnin Kebbi where there is population pressure. Many schools are faced with challenges of inadequate provision and insufficient maintenance of school facilities such as infrastructure and instructional materials.

The little available instructional facilities are over-used. Every year, the state government makes announcements on the provision of physical infrastructure such as school buildings and classrooms, yet many stakeholders have decried the insufficiency in quantity and quality of physical infrastructure in many secondary schools in Kebbi State. It is a common sight in most public senior secondary schools in Kebbi State to see classrooms with broken chairs, smashed tables among other deteriorating condition of instructional facilities in secondary school.

The above highlighted situation calls for urgent and pragmatic approach on how to tackle the situation for better. It is in view of the above therefore, that this research study seeks to assess the perceptions of stakeholders on the provision and maintenance of instructional facilities in Secondary Schools in Kebbi State.

Objective of the Study

The main objective of this study is Perception of Stakeholders on the Availability and Maintenance of Instructional Facilities in Public Senior Secondary Schools in Kebbi State. Specifically, the following objectives are raised to guide the study:

1. Examine the perceptions of stakeholders on the availability of instructional materials in Public Senior Secondary Schools in Kebbi State; and
2. Determine the perceptions of stakeholders on the maintenance of instructional materials in Public Senior Secondary Schools in Kebbi State.

Research Questions

The following questions were raised to guide the study:

1. What is the perception of stakeholders on the provision of instructional materials in Public Senior Secondary Schools in Kebbi State?
4. What is the perception of stakeholders on the maintenance of instructional facilities in Public Senior Secondary Schools in Kebbi State?

Research Hypotheses

The following hypotheses were formulated to guide the study:

HO1: There is no significant difference in the perception of stakeholders on the provision of instructional materials in Public Senior Secondary Schools in Kebbi State; and

HO2: There is no significant difference in the perception of stakeholders on the maintenance of instructional materials in Public Senior Secondary Schools in Kebbi State.

Methodology

The study examined the perceptions of stakeholders on the availability and maintenance of facilities in Public Senior Secondary Schools in Kebbi State. Descriptive survey research design was adopted for the study. The overall population consists of 274 principals, 4538 teachers, 91 education zonal officials, which gives total of 4903 respondents in which 357 respondents were sampled as recommended by the research advisors (2006) at 95 percent confidence level and 5% margin error. Closed ended adapted questionnaire was used as the instrument for data collection. The face and content validity of the instrument was ascertained by the experts in educational Management. To determine the reliability coefficient of the instrument, pilot study was conducted at Abarshi Secondary School, Yauri, Kebbi state and Government Day Secondary School, Yauri. 40copies of questionnaire administered was retrieved and analyzed using Cronbach Alpha equation, and the reliability index obtained was 0.83 by split half method. The instrument was administered by the research with help of research assistants. The data gathered were analyzed using mean and standard to answer the research questions and Analysis of Variance (ANOVA) for hypotheses testing at 0.05 significant levels.

Results

Research Question 1: Respondents Opinions on the Availability of Instructional Materials in Public Senior Secondary Schools in Kebbi State?

Table 1: Mean score and Standard Deviation of Responses Opinion of Stakeholders on the Availability of Instructional Materials Facilities in Public Senior Secondary Schools in Kebbi State.

S/N	Item Statement	Mean	S.D	Remark
1.	Enough text books are available in Public Senior Secondary Schools in Kebbi State	2.88	1.019	Rejected
2.	Digital teaching aids are available in Public Senior Secondary Schools in Kebbi State	2.89	1.034	Rejected
3.	Wall-charts are available in Public Senior Secondary Schools in Kebbi State	3.08	.981	Accepted
4.	Current curriculum is available in Public Senior Secondary Schools in Kebbi State	3.14	.973	Accepted
5.	Enough sitting chairs are available in Public Senior Secondary Schools in Kebbi State	3.59	1.130	Accepted
6.	Enough sitting chairs are available in Public Senior Secondary Schools in Kebbi State	3.73	2.989	Accepted
7.	Projectors are available in Public Senior Secondary Schools in Kebbi State	3.71	1.022	Accepted
8.	Sustainable mathematical boards and tools are in Public Senior Secondary Schools in Kebbi State	3.74	1.005	Accepted
9.	Specimens are available in Public Senior Secondary Schools in Kebbi State	3.41	1.229	Accepted
10.	Chalk boards and markers are available in Public Senior Secondary Schools in Kebbi State	3.56	1.980	Accepted

Benchmark Mean: 3.00 < 3.373 = Accepted

Table 1 the descriptive statistics as regard to the availability of instructional materials in Public Senior Secondary Schools in Kebbi State. The table shows the average response mean of 3.37 which is greater than the decision mean of 3.00. Items (1 and 2) of the responses were not in agreement that, there is provision of instructional materials facilities in Public Senior Secondary Schools in Kebbi State that. That enough text books are not provided in secondary schools in Kebbi state and digital teaching aids are not available in Public Senior Secondary Schools in Kebbi State. However, it is clear that the two items were not in agreement because mean score is less than 3.00.

All the remaining eight items agreed that there is significant provision of instructional materials in schools in Kebbi state. That, enough sitting chairs are available in secondary schools in Kebbi state, enough sitting chairs are provided in secondary schools in Kebbi state and projectors are available in secondary schools in Kebbi state. Therefore, the result signifies that all the items were in agreement and their respond revealed that there is adequate provision of instructional materials in secondary schools in Kebbi State. Thus, enough text books, wall charts and white boards are available in Public Senior Secondary Schools in Kebbi State with average mean of 3.373 and the standard deviation of 1.336, which implies that, there is significant availability of instructional materials in Public Senior Secondary Schools in Kebbi State.

Research Question 2: Respondents Opinions on the Maintenance of Instructional Facilities in Public Senior Secondary Schools in Kebbi State.

Table 2: Mean score and Standard Deviation of Responses Opinion of Stakeholders on the Maintenance of Instructional Facilities in Public Senior Secondary Schools in Kebbi State.

S/N	Item Statement	Mean	S.D	Remark
1.	Provided text books are maintained in Public Senior Secondary Schools in Kebbi State	2.80	1.057	Accepted
2.	Current curriculum is maintained in Public Senior Secondary Schools in Kebbi State	2.86	1.055	Accepted
3.	Provided wall-charts are maintained in Public Senior Secondary Schools in Kebbi State	3.26	1.073	Accepted
4.	Provided digital teaching aids are maintained in Public Senior Secondary Schools in Kebbi State	3.34	1.079	Accepted
5.	Provided white board are maintained in Public Senior Secondary Schools in Kebbi State	2.96	1.145	Accepted
6.	Enough sitting chairs provided are maintained in Public Senior Secondary Schools in Kebbi State	2.99	1.569	Accepted
7.	Provided projectors are maintained in Public Senior Secondary Schools in Kebbi State	2.92	1.085	Accepted
8.	Sustainable mathematical boards and tools are in Public Senior Secondary Schools in Kebbi State	2.93	1.095	Accepted
9.	Provided specimens are maintained in Public Senior Secondary Schools in Kebbi State	3.30	1.073	Accepted
10.	Chalk boards and markers are maintained in Public Senior Secondary Schools in Kebbi State	3.31	1.106	Accepted

Benchmark Mean: 3.00 > 3.07 = Accepted

Table 2 shows the descriptive analysis carried out on the maintenance of instructional facilities in Public Senior Secondary Schools in Kebbi State. The table shows the average response mean of 3.07 which is greater than the decision mean of 3.00. Six items of the responses were not in agreement that, there is maintenance of instructional materials facilities in Public Senior Secondary Schools in Kebbi State that, enough sitting chairs provided are not in Public Senior Secondary Schools in Kebbi State, Provided white board are not maintained in Public Senior Secondary Schools in Kebbi State and Sustainable mathematical boards and tools are not maintained in Public Senior Secondary Schools in Kebbi State. However, it is clear that the six items were not in agreement because mean score is less than 3.00.

The remaining four items agreed that there is significant maintenance of instructional materials in Public Senior Secondary Schools in Kebbi State. That, enough sitting chairs are provided in Public Senior Secondary Schools in Kebbi State, provided digital teaching aids are maintained in Public Senior Secondary Schools in Kebbi State and provided specimens are maintained in Public Senior Secondary Schools in Kebbi State.

Therefore, the result signifies that four the items were in agreement and their respond revealed that there is maintenance of instructional materials in Public Senior Secondary Schools in Kebbi State. Thus, enough text books, wall charts and white boards are not maintained in Public Senior Secondary Schools in Kebbi State despite the fact that, average mean of 3.07 is greater than the benchmark mean 3.00 which implies that, there is maintenance of instructional materials in Public Senior Secondary Schools in Kebbi State.

Hypotheses Testing

HO1: There is no significant difference in the opinions of Principals, Teachers and School Inspectors on the Availability of instructional material in Public Senior Secondary Schools in Kebbi State

Variation	Sum of Squares	DF	Mean Square	F-ratio	P-value
Between Groups	71.972	5	14.394	16.459	0.000
Within Groups	299.094	342	0.875		
Total	371.066	347			

P (0.000) < Sig (0.05) at DF (5,342).

Table 3 shows the f-ratio value of (16.459) at 5 degrees of freedom 342 at 0.05 alpha level of significance. The probability level of significance P(.000) is less than 0.05. This means that there is significant difference in the opinions of Principals, Teachers and School Inspectors on the provision of instructional material in Public Senior Secondary Schools in Kebbi State.

The implication of this result is to reject the null hypothesis which states that there is no significant difference in the opinions of Principals, Teachers and School Inspectors on the provision of instructional material in Public Senior Secondary Schools in Kebbi State.

HO2: There is no significant difference in the opinions of Principals, Teachers and School Inspectors on the maintenance of instructional facilities in Secondary Schools in Kebbi State.

Variation	Sum of Squares	DF	Mean Square	F-ratio	P-value
Between Groups	305.733	5	61.147	253.887	0.000
Within Groups	82.368	342	0.241		
Total	388.101	347			

P (0.000) < Sig (0.05) at DF (5, 342).

Table 4 shows the f-ratio value of (253.887) at 5 degrees of freedom 342 at 0.05 alpha level of significance. The probability level of significance P(.000) is less than 0.05. This means that there is significant difference in the opinions of Principals, Teachers and School Inspectors on the maintenance of instructional facilities in Public Senior Secondary Schools in Kebbi State.

The implication of this result is to reject the null hypothesis which states that there is no significant difference in the opinions of Principals, Teachers and School Inspectors on the maintenance of instructional facilities in Public Senior Secondary Schools in Kebbi State.

Summary of Major Findings

The following major findings emerged as a result of the hypotheses tested in the study, that:

1. Enough text books, wall charts and white board materials were available in Public Senior Secondary Schools in Kebbi State. (P-value of $0.000 < \alpha 0.05$); and
2. There is maintenance of instructional facilities include sitting chairs and sustainable mathematical tools in most Public Senior Secondary Schools in Kebbi State. (P-value of $0.000 < \alpha 0.05$).

Discussion of the Findings

This study was carried out to assess the provision and maintenance of school facilities in Public Senior secondary schools in kebbi state.

Table 3 the descriptive statistics as regard to the availability of instructional materials in Public Senior Secondary Schools in Kebbi State. The table shows the average response mean of 3.37 which is greater than the decision mean of 3.00. Items (1 and 2) of the responses were not in agreement that, there is availability of instructional materials facilities in Public Senior Secondary Schools in Kebbi state that. That enough text books are not provided in secondary schools in Kebbi state and digital teaching aids are not provided in Public Senior Secondary Schools in Kebbi State. In line with this finding, Gana (2015) found that, instructional facilities were not adequately provided in Public Senior Secondary Schools in Kebbi State. Asiabaka and Mbakwem (2008) found that, there was dearth of instructional facilities in Public Senior Secondary Schools in Kebbi State. However, it is clear that the two items were not in agreement because mean score is less than 3.00. All the remaining eight items agreed that there is significant provision of instructional materials in Public Senior Secondary Schools in Kebbi State. That, enough sitting chairs are provided in Public Senior Secondary Schools in Kebbi State. In line with this, Ugwaunyi (2013) found that, instructional physical facilities were available and provided in Public Senior Secondary Schools in Kebbi State. More so, enough sitting chairs are provided in Public Senior Secondary Schools in Kebbi State and projectors are provided in secondary schools in Kebbi state in line with this finding, Asogwa (2010) that there was availability of instructional facilities in Public Senior Secondary Schools in Kebbi State. Therefore, the result signifies that all the items were in agreement and their respond revealed that there is adequate provision of instructional materials in Public Senior Secondary Schools in Kebbi State in the finding of Ajayi and Yusuf (2010) instructional space planning improve students' outcome. Thus, enough text books, wall charts and white boards are provided in Public Senior Secondary Schools in Kebbi State with average mean of 3.373 and the standard deviation of 1.336, which implies that, there is significant provision of instructional materials in Public Senior Secondary Schools in Kebbi State.

In table 4.3.4 shows the descriptive analysis carried out on the maintenance of instructional facilities in Public Senior Secondary Schools in Kebbi State. The table shows the average response mean of 3.07 which is greater than the decision mean of 3.00. Six items of the responses were not in agreement that, there is maintenance of instructional materials facilities in Public Senior Secondary Schools in Kebbi State that, enough sitting chairs provided were not maintained in

Public Senior Secondary Schools in Kebbi State. In support of this finding Gana (2015), instructional facilities were poorly maintained in Public Senior Secondary Schools in Kebbi State. More so, provided white board were not maintained in Public Senior Secondary Schools in Kebbi State and Sustainable mathematical boards and tools are not maintained in Public Senior Secondary Schools in Kebbi State. However, it is clear that the six items were not in agreement because mean score is less than 3.00. The remaining four items agreed that there is significant maintenance of instructional materials in Public Senior Secondary Schools in Kebbi State. That, enough sitting chairs are maintained in Public Senior Secondary Schools in Kebbi State in line with this finding, Asogwa (2010) that there was inadequate maintenance culture of laboratory facilities in Public Senior Secondary Schools in Kebbi State. More so, provided digital teaching aids are maintained in Public Senior Secondary Schools in Kebbi State and provided specimens are maintained in Public Senior Secondary Schools in Kebbi State. Therefore, the result signifies that four the items were in agreement and their respond revealed that there is maintenance of instructional materials in Public Senior Secondary Schools in Kebbi State. Thus, enough text books, wall charts and white boards are not maintained in Public Senior Secondary Schools in Kebbi State despite the fact that, average mean of 3.07 is greater than the benchmark mean 3.00 which implies that, there is maintenance of instructional materials in Public Senior Secondary Schools in Kebbi State.

Recommendations

In line with summary and conclusions, recommendations were made that:

1. Digital teaching aid and electronic software should be provided to meet global technological competitors in teaching and learning transaction in Public Senior Secondary Schools in Kebbi State; and
2. Digital teaching aid and electronic software should be maintained by organizing workshops for teachers on how to use such facilities in Public Senior Secondary Schools in Kebbi State.

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