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FEDERAL MINISTRY OF EDUCATION

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**STATISTICS & NEMIS**

**PRESENTS**

**A TEN-DAY REPORT ON THE  
SECOND PHASE MAPPING AND  
CONNECTIVITY ASSESSMENT IN  
KANO STATE TO ENHANCE  
DIGITAL LEARNING AND  
LITERACY IN SCHOOL**

**CONDUCTED IN FORTY-FOUR LGA'S  
IN KANO STATE**

**18<sup>TH</sup> NOVEMBER, 2021**

## **PHASE 2 REPORT OF SCHOOL MAPPING AND CONNECTIVITY ASSESSMENT IN KANO**

### **Introduction**

School mapping and connectivity assessment is conducted to validate the availability of Information Technology (IT) facilities, internet facilities, internet service provider (ISP) and power supply to the schools or around the school's environment. The geo-positioning of the schools was also captured and this will assist in assessing the distribution of the schools in the Local Government Areas (LGAs) and the State at large. These would facilitate easy learning both at school and home.

The exercise commenced on the 8<sup>th</sup> November 2021 with training of enumerators in both Lagos and Kano States. There were 47 enumerators in each state and 3 supervising officers each.

The exercise is designed to promote distance learning in this period of COVID, internet learning, use of virtual library services and other internet services among the school learners.

### **Training**

The developed application was installed in individual enumerator's android phone before the commencement of the training. The official Internet Service Provider (ISP) are still MTN and Airtel networks. Every enumerator was expected to work with the two networks sim cards to check the availability, speed and the closest or distance of the school from network installation. The supervisors anchored the training. The training was well articulated and enumerators got the comprehensive training. The technical observations were very few on the application (app) and the corrections were done immediately.

### **Enumerators**

The enumerators were computer literate, conversant with data collection activities and also used to online data collection with real time information delivery. The enumerators were gotten from four agencies; 15 from Federal Ministry of Education 8 from State Universal Basic Education Board (SUBEB) Kano, 9 from State Ministry of Education (MoE) Kano, 16 from private agency and the supervisor is from Federal Ministry of Education Abuja.

### **Logistics**

The supervisors met with the enumerators after the training to fashion out the fieldwork logistics, meanwhile the State Ministry of Education (MoE) and State Universal Basic Education Board (SUBEB) had sampled the schools by level out of the 3 senatorial districts. There are 44 LGAs in Kano State and 1390 schools were sampled. The team is mandated to validate 1390 schools in the State and the schools were to be sampled in this proportion "70% primary schools and 30% Junior secondary schools". The schools were shared among all the 44 LGAs and the sharing is proportional to the number of schools in the LGA.

### **Fieldwork**

The enumerators commenced the fieldwork immediately all the logistics were concluded. For ease of fieldwork the Government of Kano State through MoE and SUBEB provided bus with

driver to convey the enumerators to the site. All the Education Secretaries in the LGAs were properly briefed on the mission and they cooperated with the enumerators. They informed the head teachers of the sampled schools ahead of the enumerator's arrival. The headteachers not only made themselves available, they also made the assignment possible and ease to the enumerators. The headteachers understood the importance of the activity.

#### **Internet network**

There is generally good internet network in Kano State. MTN and Airtel networks are functioning properly in the State, except for one or two schools that have issues. The networks are performing maximally even in the rural areas. The connecting speed is very fine.

#### **Relationship among enumerators**

There was good working relationship among the enumerators as there was synergy among all of them to work towards common goal. There was no complain of wrong posting to any LGA, they all accepted their posting without grudging, some enumerate more schools than the other in good faith. All of them worked towards total success of the assignment and it was completed successfully.

#### **Challenges**

There are long distances between the sampled schools, so enumerator had to travel far from one school to the other. There are some duplicated schools in the app. Some schools just exist by name not physical while some have two different names.

#### **Observations**

The Information Technology (IT) facilities in the schools are very scanty especially in the rural areas. There are also very few IT staff in the schools. Some of the enumerators don't have good android phones it therefore makes it difficult to record GPS and take speed of the network.

#### **Recommendation.**

Government should improve on provision of Information Technology equipment in the schools, training and retraining of teachers in Information Technology and provision of light to power the facilities.

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