**INTRODUCTION**

Following the urgent dispatch of IT officers by ICTA to facilitate DLP knowledge Transfer and Launching in various counties, I was posted in Makueni County. I reported on 27th June, 2017 and was received by the AICTO, Alex Muse and briefed on my assignment and dispatched.

I was assigned 5 zones in **Makueni County** namely:

* Ilima
* Kiundani
* Mukuyuni
* Kathyaka
* Mutyambua

The total number of school briefed about knowledge transfer in the **5** zones were **100** schools.

The total number of schools that launched digital learning in their schools is **86** as seen in the tables below.

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| **ILIMA ZONE** | | |
| **SCHOOLS BRIEFED- KNOWLEDGE TRANSFER** | **SCHOOLS INSPECTED** | **SCHOOLS LAUNCHED** |
| |  | | --- | | ISOVYA PRIMARY | | KATHANGATHINI PRIMARY | | | KILULUNI PRIMARY | | KYAKATONI PRIMARY | | | KYAKITHUKU PRIMARY | | | KYAMBEKE PRIMARY | | | KYAMUOSO PRIMARY | | | KYANG'A PRIMARY | | KYANGALA PRIMARY | | | KYANGUNZU PRIMARY | | | KYESUNI PRIMARY | | MATWIKU PRIMARY | | MUMBUNI PRIMARY | | MWAANI PRIMARY | | WAUTU PRIMARY | | NDOLO PRIMARY | | KYAMULINGE PRIMARY  ENGAVU PRIMARY | | | KAMBUKU PRIMARY | | |  | | --- | | ISOVYA PRIMARY | | KATHANGATHINI PRIMARY | | | KILULUNI PRIMARY | | KYAKATONI PRIMARY | | | KYAKITHUKU PRIMARY | | | KYAMBEKE PRIMARY | | | KYAMUOSO PRIMARY | | | KYANG'A PRIMARY | | KYANGALA PRIMARY | | | KYANGUNZU PRIMARY | | | KYESUNI PRIMARY | | MATWIKU PRIMARY | | MUMBUNI PRIMARY | | MWAANI PRIMARY | | WAUTU PRIMARY | | NDOLO PRIMARY | | KYAMULINGE PRIMARY  ENGAVU PRIMARY | | | KAMBUKU PRIMARY | | |  | | --- | | ISOVYA PRIMARY | | KATHANGATHINI PRIMARY | | | KILULUNI PRIMARY | | KYAKATONI PRIMARY | | | KYAKITHUKU PRIMARY | | | KYAMBEKE PRIMARY | | | KYAMUOSO PRIMARY | | | KYANG'A PRIMARY | | KYANGALA PRIMARY | | | KYANGUNZU PRIMARY | | | KYESUNI PRIMARY | | MATWIKU PRIMARY | | MUMBUNI PRIMARY | | MWAANI PRIMARY | | WAUTU PRIMARY | | NDOLO PRIMARY | | KYAMULINGE PRIMARY | | | KAMBUKU PRIMARY | |

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| **KIUNDUANI ZONE** | | |
| **SCHOOLS BRIEFED- KNOWLEDGE TRANSFER** | **SCHOOLS INSPECTED** | **SCHOOLS LAUNCHED** |
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| **MUKUYUNI ZONE** | | |
| **SCHOOLS BRIEFED- KNOWLEDGE TRANSFER** | **SCHOOLS INSPECTED** | **SCHOOLS LAUNCHED** |
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| **KATHYAKA ZONE** | | |
| **SCHOOLS BRIEFED- KNOWLEDGE TRANSFER** | **SCHOOLS INSPECTED** | **SCHOOLS LAUNCHED** |
| |  |  | | --- | --- | | ITHUMULA | | | KANYUNGU | | | KATHYAKA | | | KATILAMUNI | | | KEVANDA | | | KIAONI |  | | KINGUTHENI | | | KISAYANI |  | | KITULANI |  | | KIWANZANI | | | KYANGINYWA | | | MAKAANI | | | MALEMBWA | | | MASALANI | | | MATINGA | | | MIKAUNI |  | | MILU |  | | MUKONONI | | | MULANGONI | | | NGAIKINI |  | | NTHONGONI | | | NYAYO |  | | UTAFITI DAY/BOARDING | | | YIKIVALA |  | | |  |  | | --- | --- | | ITHUMULA | | | KANYUNGU | | | KATHYAKA | | | KATILAMUNI | | | KEVANDA | | | KIAONI |  | | KINGUTHENI | | | KISAYANI |  | | KITULANI |  | | KIWANZANI | | | KYANGINYWA | | | MAKAANI | | | MALEMBWA | | | MASALANI | | | MATINGA | | | MIKAUNI |  | | MILU |  | | MUKONONI | | | MULANGONI | | | NGAIKINI |  | | NTHONGONI | | | NYAYO |  | | UTAFITI DAY/BOARDING | | | YIKIVALA |  | | |  |  | | --- | --- | | ITHUMULA | | | KANYUNGU | | | KATHYAKA | | | KATILAMUNI | | | KEVANDA | | | KIAONI |  | | KINGUTHENI | | | KISAYANI |  | | KITULANI |  | | KIWANZANI | | | KYANGINYWA | | | MAKAANI | | | MASALANI | | | MATINGA | | | MIKAUNI |  | | MUKONONI | | | MULANGONI | | | NTHONGONI | | | UTAFITI DAY/BOARDING | | | YIKIVALA |  | |

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| **MUTYAMBUA ZONE** | | |
| **SCHOOLS BRIEFED- KNOWLEDGE TRANSFER** | **SCHOOLS INSPECTED** | **SCHOOLS LAUNCHED** |
| |  |  | | --- | --- | | IIANI - MBITINI | | | IIMBA |  | | KASUVI |  | | KATHEKA |  | | KAVUTHU |  | | KITHATHA |  | | KWANGITI |  | | KYUMBE |  | | KYUMBUNI | | | MAMUU |  | | MBUTHANI HGM | | | MUKAMENI - MBITINI | | | MUTANDA - MBITINI | | | MUTYAMBUA | | | VULUENI |  | | |  |  | | --- | --- | | IIANI - MBITINI | | | IIMBA |  | | KASUVI |  | | KATHEKA |  | | KAVUTHU |  | | KITHATHA |  | | KWANGITI |  | | KYUMBE |  | | KYUMBUNI | | | MAMUU |  | | MBUTHANI HGM | | | MUKAMENI - MBITINI | | | MUTANDA - MBITINI | | | MUTYAMBUA | | | VULUENI |  | | |  |  | | --- | --- | | IIANI - MBITINI | | | KASUVI |  | | KAVUTHU |  | | KYUMBUNI | | | MAMUU |  | | MBUTHANI HGM | | | MUKAMENI - MBITINI | | | MUTYAMBUA | | | VULUENI |  | |

**CHALLENGES**

Main Challenges included:

* No power supply in some schools
* Lack of digital devices
* Shortage of digital devices in some schools
* Lack of ICT trained teachers.

The **main drawback** in embracing Digital Learning in several schools is **lack of power supply** arising mainly from transformer issues.

Several schools face this problem as seen in the list below.

1. Kwambae Pri
2. Katangini Pri
3. Tunguni Pri
4. Makusu Pri
5. Wikiamba Pri
6. Ndonguni Pri
7. Kalakalya Pri
8. Ndeini Pri
9. Kyakatoni Pri
10. Kathangathini Pri
11. Kiluluini Pri
12. Engavu Pri
13. Isovya Pri
14. Matwiku Pri
15. Kyakithuku Pri

Schools **not yet received the digital devices** are:

1. Makongo Special Pri

Some Schools face **shortage of Learner Digital Devices** as seen below:

* Kawelu pri - have only 6 devices out of 36 pupils
* Yikisemei pri – have 35 devices out of 54 pupils
* Nguumo pri - have 55 devices out of 84 pupils

It was also noted that the teachers have not embraced digital learning because of **lack of proper extensive training.**

Other challenges reported include **faulty** TDDs and LDDs in several schools.

**RECOMMENDATIONS**

In a bid to attain equity in regard to learning in the public schools, there is need for:

1. Intervention to ensure the schools with no power are connected.
2. Issuance of the digital devices to Schools without that have achieved e-readiness standards.
3. LDDs supply to schools with shortages to ensure each pupil has his/her own LDD.
4. Extensive DLP training probably a whole week for the Head teachers and the teachers.