



VVOB Rwanda
eMonitoring Pitch

WHAT & WHY

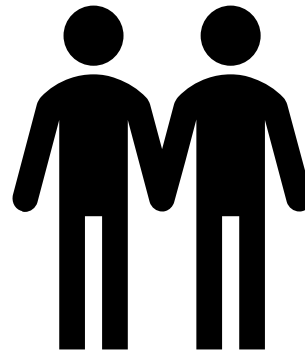
Continuous Professional
Development of school leaders and
teachers in view of improving quality
of education (learning outcomes &
wellbeing of learners)



WHO

Many stakeholders involved in CPD-activities

- ❖ Sector Education Officers
- ❖ District Education Officers
- ❖ School Head teachers
- ❖ Deputy Head Teachers in charge of studies
- ❖ School Based Mentors
- ❖ School Subject Leaders
- ❖ TTC (Teacher Training Colleges) Tutors
- ❖ Newly Qualified Teachers



WHERE

Primary education: 6 districts (DGD)

Secondary education: 14 districts (MCF)

HOW

- ✓ **CPD courses** (CPD diploma on school leadership; CPD certificate on Mentoring, Coaching and PLCs)
- ✓ **PLCs** (of Head Teachers at sector level; of Teachers at school level)

***Timely monitoring and feedback
on implementation of CPD
activities at various levels is
critical to share knowledge on
what is working and how it works***

Challenges encountered in the past



- Logistics (people, forms)
- Data entry
- Analysis

***Can digitalisation help to
overcome these challenges and
to reach all stakeholders and
enable timely monitoring in a
cost-effective way?***

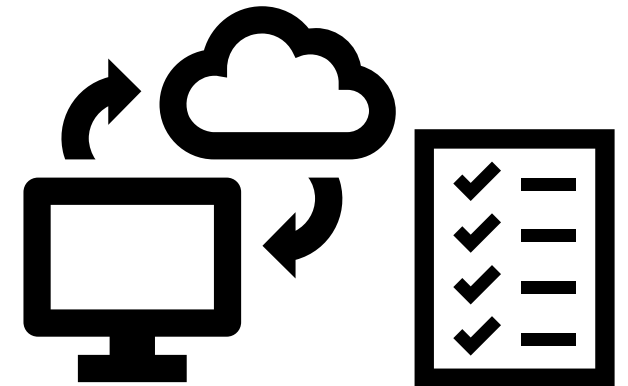
- **Needs assessment survey** (pilot completed by SBMs, HTs, DHTs, TTC Tutors, SSLs)
- **Monitoring of Newly Qualified Teachers** by TTC-tutors (First round of data-collection completed + feedback on application received)
- Expanding eMonitoring applications to other projects and stakeholders (SEO's ...)

WANT TO KNOW MORE ?



Piet Roos
eMonitoring with KoBoToolbox

- Why KoBo?
- Experiences with KoBo
 - KoBo in Needs Assessment (KoboCollect app)
 - KoBo in NQT Induction (Enketo)
- Evaluating user experiences



Why KoBo?



- Free, but with support
- Offline use
- Low specifications
- Open Data Kit
- Ease of use

⇒ Sustainability

ICT Needs Assessment

KoboCollect-application

UNESCO ICT Essentials for Teachers Baseline Survey

Try-out KoBoCollect-app

- Intuitive?
- Ease of data-input / analytics?



KoBoCollect User Interface

4.15KB/s 96% 01:12

KoBoCollect

KoBoCollect v1.14.0a
Part of KoBoToolbox

Fill Blank Form

Edit Saved Form

Send Finalized Form

View Sent Form

Get Blank Form

Delete Saved Form

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Get Blank Form

HT & DHT Guiding questions for interview ☐
ID: aET9NPNNiKWmdzLKDFyyxG

ICT Needs Assessment FINAL ☐
ID: asiUsWLR2D7NEkpak6p6oS

ICT Needs Assessment x3 ☐
ID: ajZTptzi8oWXXwK5JRrn6u

Maths Lesson evaluation sheet ☐
ID: awQWzSSgYPzMFtFcenGjN4

Maths SSL Guiding Questions Field Visit_sv_v1 ☐
ID: a8F6xEnTtunkBRxCSHZFo2

New Teachers Guiding Questions ☐
ID: aKsVyCnp8ZGeuMooCQGGiG

New Teachers Guiding Questions ☐
ID: a6hbKamNhMSiKpEwGbjoC4

Select All Refresh Get Selected

0B/s 95% 01:15

ICT Needs As...

*** I can identify the following items:**

☐ Keyboard

☒ Mouse

☐ Monitor

☐ Power switches

☒ Power cable

☐ Printer

☐ Headphones

☒ Network cable

☐ Cursor

☐ USB port

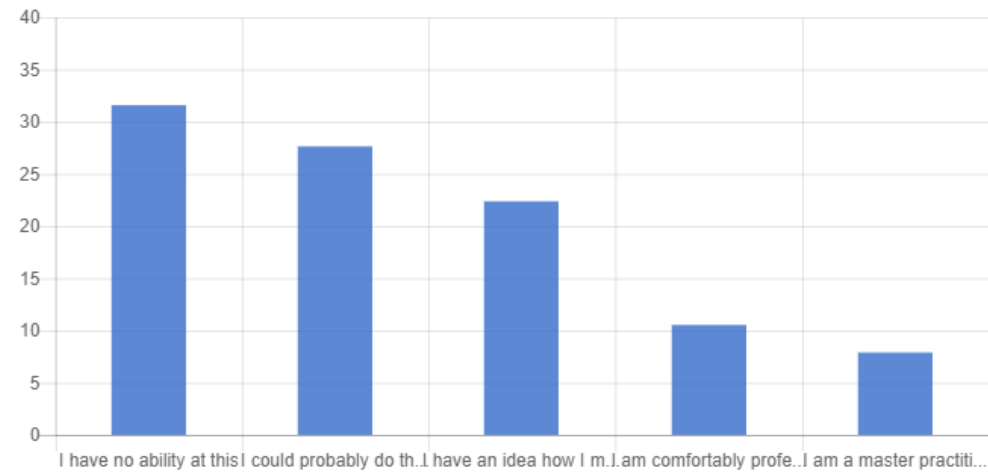
☐ Ethernet port

Graphs

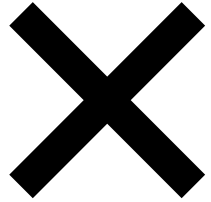
I can evaluate the usefulness and quality of web based resources.

TYPE: "SELECT_ONE". 76 out of 76 respondents answered this question. (0 were without data.)

...



Value	Frequency	Percentage
I have no ability at this	24	31.58
I could probably do this with 'Trial and Error'	21	27.63
I have an idea how I might do this	17	22.37
I am comfortably profecient at this	8	10.53
I am a master practitioner at this	6	7.89



- KoBoCollect UI outdated + complex
- Open questions = difficult

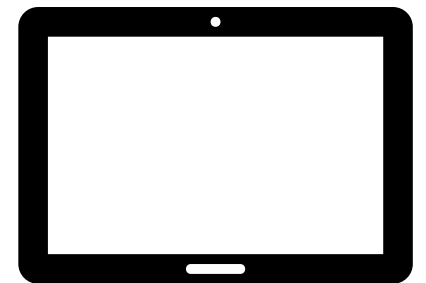
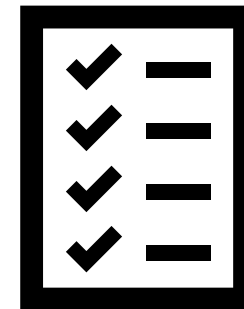


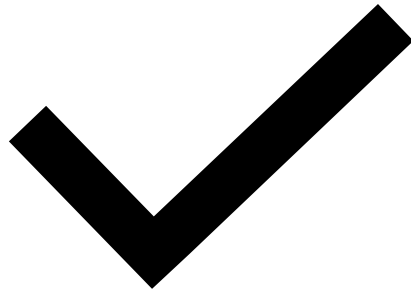
- Instant uploading of data
- Generation of graphs
- Data easily exportable
- Quantification of qualitative data

Induction of NQT

Enketo

- Field test by TTC tutors: Tablet handover (6 TTCs)
- Redevelop big and complex questionnaires: Enketo (browser-based, but offline)





- Multiplatform (phone, tablet, pc)
- No app
- Formatting
- Matrix questions
- Automatic update

Een nieuwe versie van deze enquête is gedownload. Vernieuw deze pagina om de bijgewerkte versie te laden.

KoBoToolbox



Checklist Induction Activities Term 2

▼ Induction Activities conducted by the actors in school & timeline

Why this Checklist? The main purpose of this checklist is to monitor the implementation of the induction programme.
Who needs to fill in this checklist? The NT mentor from TTC with inputs from school actors.
When does this checklist need to be fill in or updated? Once per term during each visit of the NT mentor from TTC.

Volgende



Terug naar het Begin

Ga naar het Einde



Enketo screenshot

CPD Certificate Programme CPD-CEMCMT

Fill in the table below for the question 1 and 2.	1. What elements of the training course have you already applied in your work?	2. On which elements would you like to get more support?
Coaching	<input type="radio"/> Yes <input type="radio"/> No *	<input type="radio"/> Yes <input type="radio"/> No *
Mentoring	<input type="radio"/> Yes <input type="radio"/> No *	<input type="radio"/> Yes <input type="radio"/> No *
Questioning techniques	<input type="radio"/> Yes <input type="radio"/> No *	<input type="radio"/> Yes <input type="radio"/> No *
Conducting mathematics conversations	<input type="radio"/> Yes <input type="radio"/> No *	<input type="radio"/> Yes <input type="radio"/> No *
Problem solving	<input type="radio"/> Yes <input type="radio"/> No *	<input type="radio"/> Yes <input type="radio"/> No *
Using multiple representations of a concept	<input type="radio"/> Yes <input type="radio"/> No *	<input type="radio"/> Yes <input type="radio"/> No *
Group Work	<input type="radio"/> Yes <input type="radio"/> No *	<input type="radio"/> Yes <input type="radio"/> No *
Motivating learners	<input type="radio"/> Yes <input type="radio"/> No *	<input type="radio"/> Yes <input type="radio"/> No *
Using learner errors and addressing misconceptions	<input type="radio"/> Yes <input type="radio"/> No *	<input type="radio"/> Yes <input type="radio"/> No *
Formative assessment	<input type="radio"/> Yes <input type="radio"/> No *	<input type="radio"/> Yes <input type="radio"/> No *
Gender and maths	<input type="radio"/> Yes <input type="radio"/> No *	<input type="radio"/> Yes <input type="radio"/> No *
Inclusive education	<input type="radio"/> Yes <input type="radio"/> No *	<input type="radio"/> Yes <input type="radio"/> No *

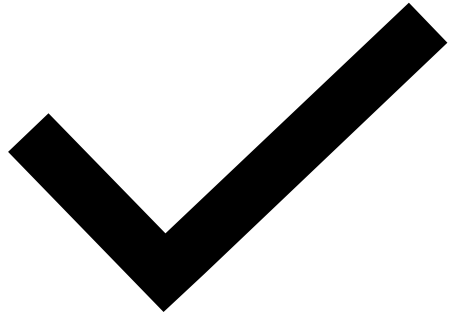
Maths SSL Guiding Questions Field Visit 1

<https://ee.kobotoolbox.org/x/#curNa1ui>

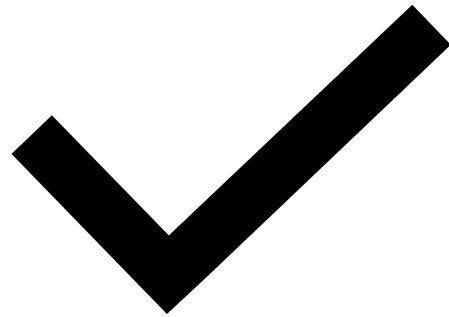
Term 3 Second Visit Checklist Induction Activities

<https://ee.kobotoolbox.org/x/#2lsw31oQ>

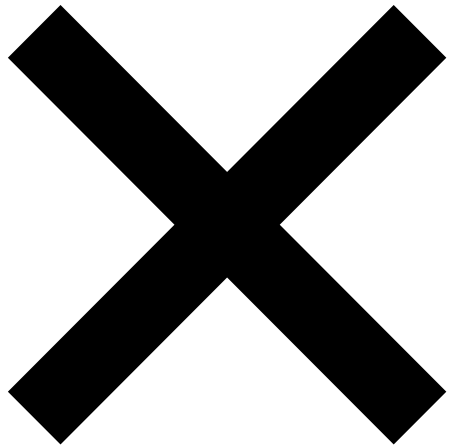
User Experiences with Kobo



- 75% of users feel it's easier
- 93% users prefer it over paper-based forms

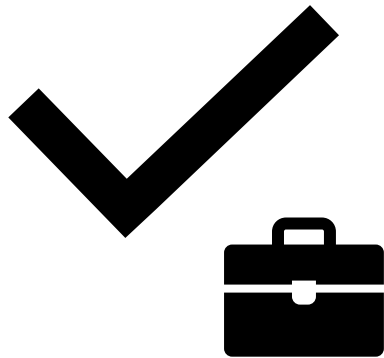


- Time-efficient
- Simplifies work
- Developing and strengthening ICT skills

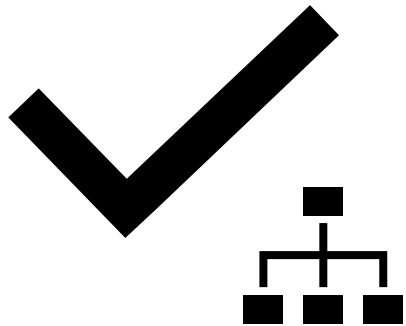


- Fear of data loss
- No corrections once submitted
- Unwanted inputs
- Internet access!

⇒ VVOB provided SIM-card



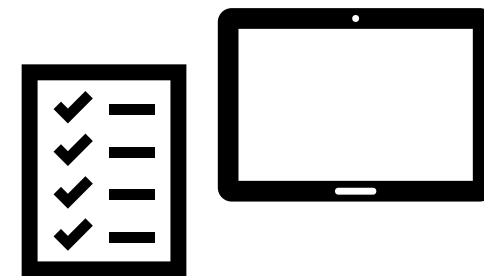
- Easy to use interface
- Reduced risk of data loss
- No time spent on data-input
- Multilingual



- Real time data
- Multiple formats (xlsx, SPSS, ...)
- Automatic generation of basic graphs, charts and reports
- Multilingual

⇒ Quick overview of situation in the field

Use of KoBo = succesfull



- ⇒ Plans to expand use of and develop more applications with KoBo for M&E and Research
- ⇒ Ex. Sector Education Officers and District Education Officers

Questions / Discussion