

Kigali, on 16/3/2023
N° 0936/REB/06/2023

Mayor of District: Kamonyi, Gisagara, Muhanga, Nyanza, Huye, Nyaruguru, Nyamagabe, Ruhango, Nyamasheke, Rusizi, Rubavu, Karongi, Rutsiro, Nyabihu, Ngororero, Gakenke, Gicumbi, Rulindo and Burera.

Re: Invitation to attend a training on Quantum Geographic Information System (QGIS) and scratch programming

Dear Madam/Sir,

Rwanda Basic Education Board (REB) has integrated the use of GIS and Scratch Programming in the Competence Based Curriculum in secondary schools. GIS enables learners and teachers to use ICT in different teaching and learning subjects, Scratch is an educational tool with a visual programming language that makes it easy for students to create their own interactive stories such as, animations, games, project-based activities, music, and art. It helps young children to learn better, to apply their knowledge, to solve given problems, to reason systematically, to work collaboratively and to develop essential 21st century skills.

REB has trained 570 ICT teachers and 20 Master trainers in collaboration with Rochester Institute of Technology (RIT) through a grant from the US National Science Foundation and the project IRES track I and equipped them with required skills to train others and teach the topic on GIS by introducing them to QGIS software.

It is in this context that, a 6-day training module validation is organized, from **17th to 22nd March 2023** at Virunga Hotel in Musanze District, a 3-day refresher training for Master trainers is organized for the 20 Master Trainers from **24th to 26th March 2023** at Musanze and a 6-day training for ICT teachers is organized from **April 14th to 16th April 2023** and from **21st to 23rd April 2023** at different centres in the districts.

Therefore, I would like to request you to avail the selected staff from your respective district or institution and one lower secondary ICT teacher from the selected schools to participate in this activity on the dates and venue as above mentioned.

For further information, please contact Mr. Theodore Ngendahayo, the ECE and Primary School Content Development Engineer via telephone: 0783187462 or email: tngendahayo@reb.rw or Ms. USABUWERA Jeannine, the Secondary Schools Digital Content Engineer via telephone: 0788734348 or email: jusabuwera@reb.rw. Attached is the list of participants and schools to be trained and centers.

Yours sincerely,



Dr. MBARUSHIMANA Nelson
Director General

Digitally signed by
REB(DIRECTOR
GENERAL)
Date: 2023.03.16
18:03:51 +02'00'

Cc:

- Hon. Minister of Education
- Hon. Minister of State for Primary and Secondary Education
- Hon. Minister of State in charge of ICT and TVET
- Permanent Secretary/MINEDUC

A) LIST OF TRAINERS TO PARTICIPATE IN A MODULE VALIDATION

#	DISTRICTS	NAMES	SCHOOL/INSTITUTION
1	NYAMASHEKE	NYIRANZEYIMANA GAUDENCE	ES GAFUNZO
2	KAYONZA	NDABIKUNZE Jean Bosco	GS RWISIRIBO
3	MUHANGA	MUNYAGASOZI Leo Francois	GS MUNYINYA

B) LIST OF SCHOOLS TO BE TRAINED

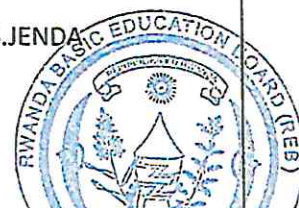
NO	Province	District	Sector	School name	Center Name
1	NORTH	BURERA	Cyeru	ES KIRAMBO	ES KIRAMBO
2	NORTH	BURERA	Bungwe	GS BUNGWE	
3	NORTH	BURERA	Kagogo	GS KAGOGO	
4	NORTH	BURERA	Rugarama	GS RUGARAMA	
5	NORTH	BURERA	NEMBA	GS RUSHARA	
6	NORTH	BURERA	Kivuye	GS KIVUYE	
7	NORTH	BURERA	Gatebe	GS RUYANGE II	
8	NORTH	BURERA	Kagogo	ES KAGOGO	
9	NORTH	BURERA	Kinyababa	GS RUTOVU	
10	NORTH	BURERA	Kinyababa	GS NDBC KINYABABA	
1	NORTH	GAKENKE	Gakenke	ES KARUGANDA	ES CYABINGO
2	NORTH	GAKENKE	Gashenyi	GS NYACYINA	
3	NORTH	GAKENKE	Muhondo	GS BWENDA	
4	NORTH	GAKENKE	Janja	GS JANJA	
5	NORTH	GAKENKE	Cyabingo	ES CYABINGO	
6	NORTH	GAKENKE	Ruli	ESP RULI	
7	NORTH	GAKENKE	Gashenyi	CMUR RUSHASHI	
8	NORTH	GAKENKE	Rushashi	GS KARUSHASHI	
9	NORTH	GAKENKE	Cyabingo	GS MURAMBA	
10	NORTH	GAKENKE	Ruli	GS CONGOLI	
1	NORTH	RULINDO	SHYORONGI	ES STELLA MATUTINA	INYANGE GIRLS SCHOOL OF SCIENCE
2	NORTH	RULINDO	BUYOGA	GS MUYANZA	
3	NORTH	RULINDO	RUKOZO	ES RUKOZO	
4	NORTH	RULINDO	BASE	GS MUSHONGI	
5	NORTH	RULINDO	RUSIGA	INYANGE GIRLS SCHOOL OF SCIENCE	
6	NORTH	RULINDO	KISARO	GS MURAMA	
7	NORTH	RULINDO	KINIHIRA	GS KINIHIRA	
8	NORTH	RULINDO	BUSHOKI	GS TARE	
9	NORTH	RULINDO	MURAMBI	GS MUHORORO	
10	NORTH	RULINDO	NTARABANA	GS RUSASA	
1	NORTH	GICUMBI	Byumba	GS BYUMBA CATHOLIQUE	GS BYUMBA-EAR
2	NORTH	GICUMBI	SHANGASHA	GS SHAGASHA	
3	NORTH	GICUMBI	Byumba	GS BYUMBA EAR	
4	NORTH	GICUMBI	MUKO	GS MWENDO	
5	NORTH	GICUMBI	Byumba	GS NDBC BYUMBA	
6	NORTH	GICUMBI	KAGEYO	GS KAGEYO	
7	NORTH	GICUMBI	RUSHAKI	COLLEGE DE RUSHAKI	
8	NORTH	GICUMBI	CYUMBA	ES MUKONO EAR	



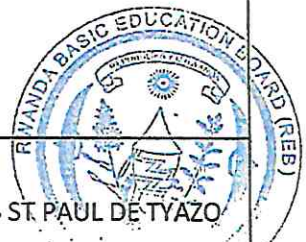
10	NORTH	GICUMBI	Byumba	GS KIBALI	
1	SOUTH	KAMONYI	Rukoma	G.S REMERA RUKOMA	GS RUYENZI
2	SOUTH	KAMONYI	Runda	E.S MARIE ADELAIDE	
3	SOUTH	KAMONYI	Gacurabwenge	G.S ROSA MYSTICA	
4	SOUTH	KAMONYI	Rugalika	GS St VICENT DE PAUL MASAKA	
5	SOUTH	KAMONYI	Gacurabwenge	GS GATIZO	
6	SOUTH	KAMONYI	Rugalika	GS ST DOMIQUE RUGALIKA I	
7	SOUTH	KAMONYI	Runda	GS RUNDA ISONGA	
8	SOUTH	KAMONYI	Mugina	GS MBATI	
9	SOUTH	KAMONYI	Runda	GS RUYENZI	
10	SOUTH	KAMONYI	Rukoma	COLLEGE APPEC	
1	SOUTH	MUHANGA	SHYOGWE	G.S MUNYINYA	GS Kabgayi A
2	SOUTH	MUHANGA	NYAMABUYE	G.S KABGAYI A	
3	SOUTH	MUHANGA	MUHANGA	G.S MATA	
4	SOUTH	MUHANGA	CYEZA	G.S CYEZA	
5	SOUTH	MUHANGA	NYARUSANGE	G.S NYARUSANGE	
6	SOUTH	MUHANGA	RUGENDABARI	G.S NSANGA	
7	SOUTH	MUHANGA	MUSHISHIRO	GS MUSHISHIRO	
8	SOUTH	MUHANGA	SHYOGWE	GS ST ETIENNE SHYOGWE	
9	SOUTH	MUHANGA	NTARABANA	COLLEGE NOTRE DAMECONSOLATRICE DE NTARABANA	
10	SOUTH	MUHANGA	NYARUSANGE	GS CUKIRO	
1	SOUTH	RUHANGO	BYIMANA	G.S BUKOMERO	G.S. MUNINI
2	SOUTH	RUHANGO	BYIMANA	G.S BYIMANA	
3	SOUTH	RUHANGO	NTONGWE	G.S CYIMANA	
4	SOUTH	RUHANGO	RUHANGO	GS MUHORORO	
5	SOUTH	RUHANGO	BWERAMANA	GS GITISI	
6	SOUTH	RUHANGO	RUHANGO	GS MUNINI	
7	SOUTH	RUHANGO	RUHANGO	GS NYAMAGANA	
8	SOUTH	RUHANGO	KINAZI	GS RUTABO B	
9	SOUTH	RUHANGO	BYIMANA	GS MPANDA	
10	SOUTH	RUHANGO	KINIHIRA	GS MUYUNZWE	
1	SOUTH	NYANZA	BUSASAMANA	E.SC LOUIS DE MONFORT NYANZA	ES NYANZA
2	SOUTH	NYANZA	BUSASAMANA	COLLEGE DU CHRIST ROI	
3	SOUTH	NYANZA	BUSASAMANA	G.S MATER DEI NYANZA	
4	SOUTH	NYANZA	BUSASAMANA	E.S NYANZA	
5	SOUTH	NYANZA	MUKINGO	G.S KAGANZA	
6	SOUTH	NYANZA	RWABICUMA	G.S RWABICUMA	
7	SOUTH	NYANZA		ST ESPIRT NYANZA	
8	SOUTH	NYANZA	BUSASAMANA	GS NYANZA B	
9	SOUTH	NYANZA	KIGOMA	GS KIGOMA	
10	SOUTH	NYANZA		GS GIHOMBO A	
1	SOUTH	GISAGARA	GIKONKO	E.S. DE GIKONKO	ES SAVE
2	SOUTH	GISAGARA	KIBIRIZI	G.S. KIBILIZI	
3	SOUTH	GISAGARA	MAMBA	E.S. GAKOMA	
4	SOUTH	GISAGARA	KANSI	G.S. SAINT FRANCOIS D'ASSISE	
5	SOUTH	GISAGARA	KIGEMBE	ES KIGEMBE	



4	WEST	NYAMASHEKE	SHANGI	ES DE GAFUNZO	
5	WEST	NYAMASHEKE	KAGANO	INSTITUT SAINTE FAMILLE NYAMASHEKE	
6	WEST	NYAMASHEKE	KANJONGO	GS ST PAUL DE TYAZO	
7	WEST	NYAMASHEKE	KIRIMBI	GS KARENGERA	
8	WEST	NYAMASHEKE	KAGANO	GS DON BOSCO SHARA	
9	WEST	NYAMASHEKE	KARENGERA	GS NYARUSANGE	
10	WEST	NYAMASHEKE	KARENGERA	GS ST NICOLAS DE GASHASHI	
1	WEST	KARONGI	GASHARI	ES URUMULI	GS KIBUYE
2	WEST	KARONGI	RUBENGERA	GS BUBAZI	
3	WEST	KARONGI	BWISHYURA	GS NYEGABO	
4	WEST	KARONGI	BWISHYURA	COLLEGE STE MARIE KIBUYE	
5	WEST	KARONGI	MUBUGA	ES MUBUGA	
6	WEST	KARONGI	BWISHYURA	GS KIBUYE	
7	WEST	KARONGI	RWANKUBA	GS KARONGI	
8	WEST	KARONGI	MURAMBI	GS MUBUGA	
9	WEST	KARONGI	BWISHYURA	ES BWISHYURA	
10	WEST	KARONGI	MUBUGA	GS MARA	
1	WEST	RUTSIRO	MUSHONYI	APAKAPE SS	College de la paix de Rutsiro
2	WEST	RUTSIRO	KIVUMU	GS KIVUMU	
3	WEST	RUTSIRO	RUHANGO	GS BITENGA B	
4	WEST	RUTSIRO	RUSEBEYA	E.S KABONA	
5	WEST	RUTSIRO	KIGEYO	E.S CYIMBIRI	
6	WEST	RUTSIRO	RUSEBEYA	GS KIGAMBA	
7	WEST	RUTSIRO	MUSASA	GS MURAMA	
8	WEST	RUTSIRO	MUSHUBATI	GS BUMBA	
9	WEST	RUTSIRO	MUKURA	GS RWINGONGO	
10	WEST	RUTSIRO	MUKURA	GS BITENGA A	
1	WEST	NGORORERO	NGORORERO	ASPADE NGORORERO	ASPADE Ngororero
2	WEST	NGORORERO	MATYAZO	CIC MURAMBA	
3	WEST	NGORORERO	KAGEYO	COLLEGE AMIZERO	
4	WEST	NGORORERO	KAGEYO	ES KAMASHI	
5	WEST	NGORORERO	KAVUMU	ES KAVUMU	
6	WEST	NGORORERO	GATUMBA	GS NGURUGUNZU	
7	WEST	NGORORERO	NGORORERO	GS RUHUNGA C	
8	WEST	NGORORERO	MUHANDA	GS RUNAYU	
9	WEST	NGORORERO	KAGEYO	GS RURIMBA	
10	WEST	NGORORERO	GATUMBA	GS MUHORORO	
1	WEST	NYABIHU	JENDA	GS JENDA	G.S.JENDA
2	WEST	NYABIHU	KABATWA	GS KABATWA	
3	WEST	NYABIHU	JENDA	GS KAREBA	
4	WEST	NYABIHU	MUKAMIRA	GS MUKAMIRA	
5	WEST	NYABIHU	RAMBURA	GS RAMBURA FILLE	
6	WEST	NYABIHU	RAMBURA	GS RAMBURA GARCONS	
7	WEST	NYABIHU	BIGOGWE	GS REGA CATH	
8	WEST	NYABIHU	SHYIRA	GS SHYIRA	
9	WEST	NYABIHU	MURINGA	GS STE AGNES GITEBE	
10	WEST	NYABIHU	BIGOGWE	GS VUGA	



7	SOUTH	GISAGARA	KIBIRIZI	G.S. KINTEKO	
8	SOUTH	GISAGARA	SAVE	ES SAVE	
9	SOUTH	GISAGARA	MUGANZA	ES RWAMIKO	
10	SOUTH	GISAGARA	KANSI	GS KANSI B	
1	SOUTH	HUYE	NGOMA	ECOLE NOTRE DAME DE LA PROVINCE KARUBANDA	GS Butare Catolique
2	SOUTH	HUYE	NGOMA	GS GATAGARA-HUYE	
3	SOUTH	HUYE	KINAZI	GS KINAZI	
4	SOUTH	HUYE	KIGOMA	GS GISHIHE	
5	SOUTH	HUYE	RUSATIRA	GS KOTANA	
6	SOUTH	HUYE	MBAZI	GS MWULIRE	
7	SOUTH	HUYE	TUMBA	GS MUSANGE	
8	SOUTH	HUYE	TUMBA	GS CYARWA	
9	SOUTH	HUYE	NGOMA	GS BUTARE CATHOLIQUE	
10	SOUTH	HUYE	MBAZI	GS RUGANGO	
1	SOUTH	NYAMAGABE	TARE	ES MUDASOMWA	E S NYAMAGABE
2	SOUTH	NYAMAGABE	TARE	GS UWINKOMO	
3	SOUTH	NYAMAGABE	KADUHA	ES KADUHA	
4	SOUTH	NYAMAGABE	KADUHA	GS KADUHA	
5	SOUTH	NYAMAGABE	GASAKA	GS KIGEME A	
6	SOUTH	NYAMAGABE	GASAKA	ES SUMBA	
7	SOUTH	NYAMAGABE	GASAKA	E S NYAMAGABE	
8	SOUTH	NYAMAGABE	CYANIKA	GS RUGOGWE	
9	SOUTH	NYAMAGABE	GASAKA	GS MULICO	
10	SOUTH	NYAMAGABE	KIBUMBWE	GS KIBUMBWE	
1	SOUTH	NYARUGURU	KIBEHO	G.S. MARIE MERCI KIBEHO	GS MUNINI
2	SOUTH	NYARUGURU	MUGANZA	G.S. BIGIGU	
3	SOUTH	NYARUGURU	BUSANZE	G.S. MUSEBEYA	
4	SOUTH	NYARUGURU	NGOMA	G.S. KIYONZA	
5	SOUTH	NYARUGURU	RUSENGE	G.S. RUNYINYA	
6	SOUTH	NYARUGURU	KIBEHO	COLLEGE IMANZI	
7	SOUTH	NYARUGURU	NGERA	G.S. MURAMA	
8	SOUTH	NYARUGURU	BUSANZE	GS RUNYOMBYI II	
9	SOUTH	NYARUGURU	NGERA	GS BITARE	
10	SOUTH	NYARUGURU	KIBEHO	GS MERE DU VERBE KIBEHO	
1	WEST	RUSIZI	MUGANZA	ES BUGARAMA	GS SAINT BRUNO GIHUNDWE A
2	WEST	RUSIZI	KAMEMBE	GS GIHUNDWE B	
3	WEST	RUSIZI	GIHUNDWE	GS SAINT BRUNO GIGUNDWE A	
4	WEST	RUSIZI	NYAKARENZO	GS NYAKARENZO	
5	WEST	RUSIZI	NKANKA	GS SAINT BONAVENTURE NKAKA	
6	WEST	RUSIZI	GIHEKE	GS MUNYOVE	
7	WEST	RUSIZI	BUGARAMA	GS BUGARAMA-CITE	
8	WEST	RUSIZI	MUGANZA	GS MURIRA	
9	WEST	RUSIZI	KAMEMBE	GS GIHUNDWE	
10	WEST	RUSIZI	KAMEMBE	GS ISLAMIQUE KAMEMBE	
1	WEST	NYAMASHEKE	KAGANO	GS SAINT NICOLAS NYAMASHEKE A	GS ST. PAUL DE TYAZO
2	WEST	NYAMASHEKE	SHANGI	ES SAINT FRANCIS SHANGI	
3	WEST	NYAMASHEKE	KANONGA	GS FRANK ADAMSON DE KIBOGORA	



1	WEST	RUBAVU	Rugerero	COLLEGE DE GISENYI INYEMERAMIHIGO	GS UMUBANO II
2	WEST	RUBAVU	Gisenyi	GS UMUBANO II	
3	WEST	RUBAVU	Gisenyi	GS GISENYI STELLA MARIS	
4	WEST	RUBAVU	Rubavu	GS KANEMBWE II	
5	WEST	RUBAVU	Rubavu	GS KANEMBO I	
6	WEST	RUBAVU	Gisenyi	GS GACUBA II	
7	WEST	RUBAVU	NYAMYUMBA	GS BWITEREKE	
8	WEST	RUBAVU	NYUNDO	GSNDA NYUNDO	
9	WEST	RUBAVU	Rubavu	GS RUBAVU I	
10	WEST	RUBAVU	GISENYI	GS NYARUBANDE	

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