



# Quarterly Newsletter



April-June 2024



## In this newsletter you can expect:

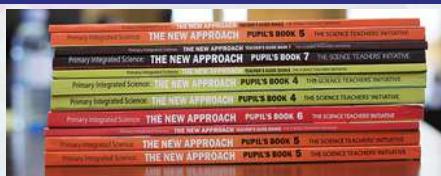
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Teachers of Schools supported by Save the Children pose for a picture after a training by STIA team at Floral Hotel



Learners of St.Anne Primary School interacting with electric circuit in class



## Country Director's Message

### Country Director's Message

June 2024

To All our Esteemed Stakeholders, Partners, and Colleagues,

As we reach the midpoint of this transformative year, I am filled with immense pride and gratitude for the progress we have achieved together at River Flow International- Science Teaching and Innovations Africa. Our commitment to fostering scientific education and innovation across the continent continues to bear fruit; thanks to the unwavering dedication of our stakeholders, partners, dedicated team, and the communities we serve.

### Reflecting on Our Achievements

Over the past months, we have witnessed remarkable strides towards our mission. Our Science Teacher Training Program, which recently concluded its third phase, successfully empowered over 500 educators with cutting-edge pedagogical skills and advanced knowledge in STEM fields. These educators are now better equipped to inspire and nurture the next generation of African scientists and innovators.

In addition, our collaboration with different organizations has yet to yield the establishment of innovation hubs. These hubs will be designed to serve as incubators for young talents, providing them with the resources, mentorship, and collaborative spaces needed to transform their ideas into impactful solutions. The enthusiasm and creativity emanating from these hubs are truly inspiring.

### Looking Ahead

As we move forward, we will focus on scaling up our initiatives and deepening our impact. We are excited to announce the upcoming launch of our Mobile Science Lab program, which aims to bring hands-on science experiences to remote and underserved areas.

By providing access to scientific equipment and experiments, we hope to ignite a passion for science among students who might otherwise be excluded from such opportunities.



Amon Rugira, Country Director STIA

We are also expanding our partnerships with international research institutions to facilitate knowledge exchange and collaborative projects. These partnerships will not only enhance the quality of scientific education in Africa but also position our continent as a significant contributor to global scientific advancements.

### A Call for Continued Support

None of these achievements would be possible without your steadfast support.

I sincerely appreciate our donors, partners, and volunteers who believe in our vision and contribute their time, resources, and expertise.

As we strive to build a brighter future for Africa through science and innovation, I encourage you to continue standing with us.

Your involvement is crucial in driving sustainable change and unlocking the potential of our youth.

### In Closing

Let us continue to embrace the spirit of innovation, collaboration, and resilience as we work towards a more scientifically empowered Africa. Together, we can overcome challenges, seize opportunities, and create a legacy of scientific excellence for generations to come.

Thank you for being an integral part of this journey. I look forward to sharing more updates and successes with you soon.

Warm regards,  
Amon Rugira  
Country Director,  
Science Teaching and Innovations Africa (STIA)



## Community News

In an ongoing effort to document the impact of science kits on the teaching of primary integrated science, we visited St. Stephen Nyakapinyi Primary School to interact with the teachers and pupils on how they use this item and models in their lessons.

This documentation aim to support learners, educators, and parents, increase RIFI-STIA visibility as ensuring a brighter future for our community.

We are also excited to announce that we will be hosting our Win a Practical Teaching Challenge(PTC) in July. This event is a fun and interactive way of showing how Primary Science kit and Laboratory Instruction Manuals have helped teachers to conduct practical lessons in primary and secondary schools to support our cause of promoting quality education through practical teaching.

In addition, this challenge will act as a follow up strategy of finding out how teachers are implementing skills learnt from our teacher capacity building workshops.

## Event News

Join us for our upcoming Win a Practical Teaching Challenge.

Are you a primary or secondary teacher passionate about practical teaching?

This is your chance to shine and showcase your teaching skills.

Enter the challenge by sending your details to 0755503490.

Conduct a practical lesson and have your video shot.

Join us for our upcoming Win a Practical Teaching Challenge.

Are you a primary or secondary teacher passionate about practical lessons?

This is your chance to shine and showcase your teaching skills.

Enter the challenge by sending your details to 0755503490.

Conduct a practical lesson and have your video shot.

Share the video of you teaching a practical lesson to 0755503490.

Participants will win prizes like laptops, tablets, phones and many others.

Winners will be announced on 05th July 2024 and winners will be awarded on 20th July 2024.



Tr. Ambrose using the Microscope during the teachers training



## Our Training and Capacity building

The importance of Laboratory Instruction Manuals (LIM) in scientific education can not be overstated. It serves as the bridge between theoretical knowledge and practical application.

Recognizing this critical aspect, RIFI-STIA conducted a Laboratory Instructional Manual Workshop to enhance the pedagogical skills of Secondary science teachers and laboratory instructors.

The Workshop was held at Kitante Hill School in Kampala on the 13th of April 2024. Over 50 teachers attended the Workshop from over 50 secondary Schools in Buganda region.

The Workshop aimed to create awareness about the Laboratory Instruction Manual and build the capacity of Secondary School Science teachers to effectively use the LIM in teaching Biology, Chemistry and Physics as they teach students science subjects in class.



Photo: Secondary school teachers of different schools in Buganda region after attending the LIM workshop at Kitante Hill School

### Training primary science from ten (10) schools supported by Fields of Life

This activity took place in Butalejja, Mubende, Mityana, Namutumba, Wakiso, and Mukono from Monday 15th to Monday 22nd April 2024.

This activity was done school by school. Facilitators; Mr. Nabaasa Stuart and Mr. Tumuramye Ambrose together with Fields-of Life moved from one school to the other while handing over science kits to schools and training science teachers on how to use each item in the science kit.

The trainings were attended by 112 teachers and 807 learners from primary six and seven of the different schools.

The schools that were trained are; Grace Christian Primary School Kacungwa, Star Parents Primary School, Nakasozi Primary School, Mt. Everest C.O.U Primary School, Busaba Primary School, Hisega Primary School, Jehovah Jireh Primary School, St.

Stephen Nakapinyi Primary School, Nakawunzo Primary School and Namutumba Primary School.



Teachers of Busaba Primary school interacting with the models in the science kit

### Training primary science from ten (10) schools supported by Save the Children

This activity was intended on building the capacity of science teachers on the utilization of the distributed Primary Integrated Science Kits with focus in safeguarding and relevance. It also helped the teachers to realize the relationship between the science kit and primary thematic curriculum.

The training took place on Saturday 06th April 2024 at Floral Hotel Wakiso. It was attended by 19 teachers (14 Males and 5 Females) from ten (10) schools.

The facilitators were Stuart Nabaasa and Ambrose Tumuramye assisted by Communications and Advocacy Officer; Ms. Olore Margret.



Teachers of schools supported by Save the schools interacting with the skeleton models

The partnership meeting was aimed to introduce STIA and its mission to AAIN, identify and discuss common goals and areas of interest, explore potential partnership opportunities and their benefits, establish a framework for collaboration and resource sharing and agree on the next steps and set a timeline for partnership development.



CD, Amon Rugira (center) during STIA-AAIN partnership meeting in Mbarara

## STIA-PEDN Partnership meeting



Mr. Stuart Nabaasa presenting during STIA-PEDN Partnership meeting



MD, Simuka Mohammed (center) during Senior Management team meeting

## Partnership Spotlight

### STIA-AAIN Partnership meeting

The meeting of Science Teaching and Innovations Africa (STIA), African Agribusiness Incubator Network (AAIN) and Excel Hort Consult Agribusiness Incubator (EHCAI) was held at AAIN Incubation Hub in Mbarara City on May 06, 2024. It involved 17 participants (9M: 8F) from STIA, AAIN, and the EHCAI Incubation hub. The meeting was aimed at building a partnership and collaboration between the two organizations. The theme of the meeting was: Partnership and Collaboration Meeting and Presentation with African Agribusiness Incubator Network.

On May 30, 2024, Science Teaching and Innovations Africa (STIA) and the Private Education Development Network (PEDN) met to establish a partnership focused on enhancing teacher capacity and promoting entrepreneurial and financial education in Uganda. The meeting involved five participants and aimed at practical, competence-based teaching methods and school-based business training in areas like marketing and financial literacy.

The two organizations agreed to collaborate on training primary and secondary learners in agri-entrepreneurial skills and lifelong learning, while integrating health messages into education through various participatory activities, aiming to enrich the educational experience in Uganda.