

ECOLE DES SCIENCE BYIMANA MAGAZINE

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Conscience - Science - Excellence

Without education there is no future

“The work of education is a work of love it is a continuous act of self-giving.”

“If you want to teach young people you must love them and love them equally”

quotes from St Marcellin Champagnat

ACADEMICS



CO-CURRICULAR



FOREIGN NEWS



School Gallery







Byimana Administration



The Principal of
Ecole des Sciences
Byimana

*BROTHER
INGABIRE JEAN
MARIE VIANNEY*



The Dean of Discipline of E.Sc Byimana
Brother Benimana Kahigiro Robert



The Director of Studies of E.Sc Byimana
SINGIRANKABO Jean Nepo



The Bursar of E.Sc Byimana
Brother NSHIMIYIMANA
Jules Benoit



Byimana School Comitee



THE STUDENT COMMITTEE

All around the world every society has leaders. Our school also has leaders who represent us and help in our everyday life. Here are the members of school committee and the corresponding posts:

1. Head boy (the representative of students) : HATUMA Chance
Uniqueness: He participates in athletic and mathematical activities. He is also generous.

2. Head girl (the representative of students): ISIMBI Audrey
Uniqueness: Caring and smiling
Loved by many. A good friend and a great listener

3. Assistant head boy (In charge of male student's health) :

DUSINGIZIMANA Gilbert
Uniqueness: A good dancer
Very social and Story teller.

4. Assistant head girl (Incharge of female student's health): DUFITIMANA Ruth
Uniqueness: Bestie of besties
Ironic girl and brown belt in karate.

5. Sports and culture coordinator (In charge of sports and culture, coordinates sports,school clubs , and arranging evening shows.)

BOYS: NIYITANGA IGIHOZO Irene
Uniqueness: A special walking style, model's style and great football player

GIRL: INEZA FILSANI Hortance

Uniqueness: Elegance ,love for culture and an amazing model.

6. Cleanliness coordinator (In charge of cleanliness coordination.)

BOY: MUNYAMPETA Anelka Shalom

Uniqueness: caring ,very tall and a great coordinator of events.

GIRL: GIRAMATA RUKUNDO Eunice

Uniqueness: playing piano, Drawing, very smart.

7. Service organizer.

In charge of service organizing and food.

BOY: MUGISHA Bernardin

Uniqueness: social, a drama king.

GIRL: INEZA MUSEKURA Esperance

Uniqueness: Good singer, a vocalist and a good christian.



Academics



Students in the library

Ecole des Sciences Byimana: Transforming Education in Rwanda

In the heart of Rwanda lies a beacon of educational excellence, a prestigious high school that has been making waves in the country's academic landscape for years. Ecole des Sciences Byimana (ESB) stands as a testament to the power of quality education, offering students an environment where their talents and aspirations can thrive. From its state-of-the-art facilities to its committed faculty of teachers and educators, ESB has become a symbol of educational transformation in Rwanda.

E.Sc.Byimana has a rich history that dates back several decades. Established with the goal of nurturing future leaders, the school has consistently achieved outstanding academic results. Its alumni have gone on to excel in

various fields, contributing significantly to Rwanda's progress. The dedication of the staff and the unwavering commitment to excellence have earned us a reputation as one of the leading high schools in the country.

We have a stunning campus that reflects the school's commitment to providing a holistic learning experience grounded in christian values. With modern classrooms, well-equipped laboratories, and an extensive library, the school offers students a conducive environment for intellectual growth. The cam-



pus also features spacious sports facilities, including a track field, basketball courts, volleyball courts and a football pitch encouraging students to develop their physical abilities alongside their academic pursuits. Exceptional Academic Programs:

Academic rigor is at the core of the curriculum. The school follows the national curriculum, while also integrating international standards to provide students with a well-rounded education. The emphasis is not just on theoretical knowledge but also on practical application and critical thinking skills. We strive to nurture independent thinkers who can tackle real-world challenges with confidence.

Our school is known for its exceptional teaching staff, comprising experienced educators who are passionate about their subjects. The teachers at E.Sc.Byimana go beyond imparting knowledge; they inspire students to explore their interests, question conventional wisdom, and pursue their dreams. Their guidance and mentorship play a crucial role in shaping the character and future of each student.

Embracing Diversity and Inclusion:

Our school prides itself on its commitment to diversity and inclusivity. The school welcomes students from different backgrounds, cultures, and abilities, fostering an atmosphere of acceptance and mu-



Students Studying

tual respect. By promoting diversity, E.Sc.Byimana aims to create global citizens who can thrive in an interconnected world.

E.Sc.Byimana recognizes the importance of nurturing students' talents beyond the classroom. The school offers a wide range of extracurricular activities, including sports, arts, and community service programs. These activities allow students to develop their leadership skills, explore their passions, and build strong character traits such as teamwork, perseverance, and empathy.

E.Sc.Byimana understands that education goes beyond academic success; it prepares students for the challenges of the future. With a focus on technological literacy, entrepreneurship, and global awareness, the school equips its students with the skills and mindset needed to thrive in the 21st century. E.Sc. Byimana graduates emerge as confident, well-rounded individuals ready to make a positive impact in their communities and beyond.

Ecole des Sciences Byimana stands as a testament to Rwanda's commitment to education and development. Through its unwavering dedication to academic excellence, state-of-the-art facilities, and a nurturing environment, E.Sc. Byimana has become a beacon of hope for students seeking a transformative education. As the school continues to shape the leaders of tomorrow, it reinforces the belief that education is the key to a brighter future for Rwanda and the world.

The School of Excellence in Rwanda is an exceptional institution that consistently achieves remarkable results in national examinations. With a focus on academic excellence and a dedicated faculty, this school provides students with a rigorous and comprehensive education. The students' outstanding performance in national exams reflects the school's commitment to nurturing and empowering young minds. By combining a challenging curriculum with a supportive learning environment, the School

of Excellence prepares students to excel not only in exams but also in their future endeavors. It is truly a benchmark of educational success and a source of pride for Rwanda.



Beyond academic achievements, École des Sciences Byimana also places great importance on character development, encouraging students to become compassionate and responsible individuals. The school's Catholic foundation instills a sense of morality and integrity among its students, promoting a holistic approach to education.

Overall, École des Sciences Byimana stands as a shining example of a Catholic school that prioritizes academic excellence while nurturing the spiritual and personal growth of its students. Through its unwavering commitment to providing a top-notch education, this institution continues to shape young minds and prepare them for future success in both their academic pursuits and their lives as responsible global citizens.





Students of Senior one



At Ecole des Sciences Byimana, students embrace a culture of unwavering dedication to their studies, where pride and priority are accorded to academic pursuits. With tireless and vigorous commitment, they immerse themselves in the enriching academic environment, striving for excellence without fault. The relentless pursuit of knowledge is not merely a task but a shared ethos that permeates the corridors and classrooms of this esteemed institution. The outstanding results achieved by the students stand as a testament to their diligence and the school's commitment to fostering a conducive learning atmosphere. The holistic approach to education at Ecole des Sciences Byimana ensures that students not only excel academically but also



develop critical thinking skills and a passion for lifelong learning.

The library, a sanctuary of wisdom and exploration, becomes a cherished haven for these students. Here, amidst shelves laden with knowledge, they find solace and joy in their academic endeavors. The library transforms into a vibrant space where collaboration and individual discovery flourish, creating a balanced and fulfilling educational experience.

At Ecole des Sciences Byimana, students do more than attend classes; they actively engage in shaping their intellectual destinies, and in doing so, they embody the school's commitment to academic excellence and holistic development.



Students of S6MPC in class studying



African Institute for Mathematical Sciences

At AIMS they believe that the next Einstein will be African and here we believe that the Einstein will come from Byimana as well.

For many years, Ecole des Sciences Byimana as an excellent school has been a leading champion in most competitions that the school has been able to attend.

Let's say this year has been no different in widely known competitions like AIMS, PAMO, IMO and KPL. If you had the chance to be around the school for two weeks or more, then you'd discover for yourself how for most Fridays different competitions would be attended by students either inside or out of the school and at times outside the country!

As one of the most attended and accredited institution, African Institution and Mathematical Sciences (AIMS) is an institution that empowers students by educating them to boast their knowledge in Mathematical problem-solving approaches. The institution also helps them to be world-wide recognized so as to attend other competitions like Pan African Math Olympiad (PAMO), International Math Olympiad (IMO) and all other international math competitions.

For different generations, numerous students from ESC Byimana have passed in this institution and this is not a secret that they have a major success for this institution. This year around, in the first stage, a link was shared among schools and students gave it a try and



Students who attended AIMS

more than 14000 passed to attend a 1-week camp at the institution's campus. As the spirit has always been, 17 were from the school.

The second stage consisted of a selection test to select those to attend the 2nd camp. 50 students were selected around the country and for what we are used to 9 students from Byimana and 3 graduates attended it in January.

The last stage was to select from the 50 students and who would pass were to attend PAMO and IMO and of course Byimana students also went for this 4 students and 2 graduates from Byimana.

Now, this is why students from other schools hear that they are in same competition immediately hope for second position. Check the results;

Byimana students

MUCYO Salvi was awarded a silver medal in PAMO 2023 and will attend IMO in JAPAN

HIRWA Believer Gall also was

awarded silver medal in PAMO and will attend IMO in JAPAN IRADUKUNDA Edmond also will attend IMO 2023

UMUKUNDWA Nina Ornella also attended PAMO and was awarded a bronze model.

Thanks to the contribution of Byimana students and others our country was ranked the fourth in Africa in 2023.

Each year on 14th March, the whole world π (pi) day which is useful constant for mathematics student. In memory of a great scientist world ever had ALBERT Einstein an international competition completion is held and each school select two best students from each A' Level class plus PAMOs team in all three stages. The top 15 are awarded with a new version of HP computers. In 14 students awarded in Rwanda, five were BYIMANA students named Mucyo Salvi, Hatuma Chance, INEZA Rwigema Gabin,



IRADUKUNDA Edmond and HIRWA Believer Gall.
Good teachers and leaders are secret to all of this good performance helped by good discipline and hardworking of students.

More about AIMS

Established in 2016 with the support of the government of Rwanda, AIMS Rwanda is the fifth Centre of Excellence to be created under the AIMS Global Network (AIMS Next Einstein Initiative). Since its inception, AIMS Rwanda has graduated over 350 students, 38% of whom are women. The centre offers a Master's in mathematical sciences through:

A Structured 10month research-oriented program.

An 18-month Co-operative Education program with a direct link to the industry through work placements.

The Master's in mathematical sciences– Climate Science Stream.

AIMS is a call to Action to:

Invest in STEM education for the advancement of development in Africa

Increase collaboration between the public and private sector to prioritize STEM education in Africa

Encourage policymakers to push the Agenda of STEM education in Africa for the transformation of and sustainable growth of the continent, especially as pertains to increasing the number of women



Nadine S6PCM

nent's scientific emergence.

Africa's youth are at the heart of the AIMS innovation and transformation ecosystem which consists of a set of academic and non-academic programs expertly tailored to provide AIMS learners with a unique postgraduate training experience on the continent.

in the STEM fields

Get Africa's most talented students to pursue an education in mathematical sciences to innovate and further propel Africa's future; Increase partnership with industry to fill the gap in STEM, increase productivity and provide critical skills that are indispensable as Africa embarks on its industrial revolution.

The African Institute for Mathematical Sciences (AIMS) is a pan-African network of Centres of Excellence for postgraduate training in mathematical sciences, research, and public engagement in Science, Technology, Engineering, and Mathematics. Founded in 2003 in South Africa by acclaimed physicist Prof Neil Turok and later replicated in Senegal, Ghana, Cameroon and Rwanda, AIMS is leading Africa's socio-economic transformation through:

- Innovative scientific training (the development of human capital);
- Technological advances and cutting-edge scientific discoveries; and
- Public engagement for the conti-

AIMS offers a Master's in mathematical sciences, including a co-operative option with a direct link to industry, the African Master's in Machine Intelligence (AMMI), as well as research programs, with over 100 researchers conducting studies across the network. In addition to the AIMS Industry Initiative and a gender-responsive Teacher Training Program currently implemented in Cameroon and Rwanda, AIMS equally created two critical initiatives: Quantum Leap Africa, a think tank looking into the coming quantum revolution and the Next Einstein Forum to propel Africa on to the global scientific stage.



Engineering innovation for more resilient world



MARCH 4TH 2023

Time has passed, legends were made, a lot come while others departed but Ecole des sciences Byimana has retained its students in all aspects.

Let's now talk about competition as a crucial factor in high competence of ESB'S STUDENTS I mean you would find yourself as a "RIP WINKLE" because as years pass by it is amusingly shot up to another level where you dramatically find yourself in dilemma as if you weren't around.

Similarly, around second term (mid)on 14th February 2023 there was held an engineering competition for girl students who do sciences in advanced level.it was put in place by "INSTITUTION OF ENGINEERS RWANDA" in collaboration "AFRICAN CATALYST PROJECT".

In the course of the competition girls were motivated to actively participate in modern engineering projects and thirty girls were down listed and registered as sharp candidates to compose essays on topic which stated as:" ENGINEERING INNOVATION FOR MORE RESILIENT WORLD".

AS we were interviewing each one of the girls, they seem to be courageous even though only four participants were to be chosen among the winners, in fact they worked as

hard as they could to pass the first round. as an innovation some of them added their projects as their essays which led them to a great performance.
Not long, among 30 students only eleven candidates were selected to continue competition with an interview. In the interview they were required to present their essays in five minutes and after they were asked questions so as how they are able to support their ideas. time

determination. The event provided a platform for these young minds to broaden their knowledge and skills in engineering. Through various challenges and projects, they gained invaluable experience, acquiring new insights and techniques. The competition not only fostered personal growth but also promoted a culture of collaboration and mentorship among aspiring engineers.



went by, and at last four participants were proclaimed as winners accordingly.

The Engineering Competition for Girls attended by École des Sciences Byimana showcased remarkable participation from students who displayed unwavering courage and

Upon their return, these enthusiastic students generously shared their learnings with their classmates and peers. They organized presentations and workshops, imparting the valuable insights they gained from the competition. This act of knowledge-sharing inspired other students, especially girls, to explore the exciting world of engineering. The École des Sciences Byimana fostered a culture of collaboration and encouragement, igniting a passion for engineering among its students and strengthening their confidence to pursue careers in the field.

— ENGINEERS DAY —
15 September



KPL Essay Writing Competitions

WRITING COMPETITION SEASON 2

IF YOU ARE A STUDENT IN PRIMARY OR SECONDARY SCHOOL, HERE IS A CHANCE FOR YOU TO WIN

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MEMBERSHIPS AND MORE

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► WWW.KPLONLINE.ORG/WC

► HARD COPIES DELIVERED AT YOUR SCHOOL, COMMUNITY LIBRARIES OR KIGALI PUBLIC LIBRARY.

MARCH 17, 2023



LOWER PRIMARY (P1-P3)

UPPER PRIMARY (P4-P6)

LOWER SECONDARY (S1-S3)

UPPER SECONDARY (S4-S6)

The spirit of attending and excelling in various national and international competitions is not limited to mathematics or sciences in general for the students of Ecole des sciences BYIMANA. Rather, it extends to languages competitions like the essay writing competitions.

This year; 2023, it was quite a splendid mood for the school as the opportunity of attending the KPL (Kigali public library) essay writing competitions stepped in. These competitions are organized by KPL as a way of motivating and inspiring Rwandan students to read more, experience more and more importantly create their own innovative written works that are dedicated to sharpening the community with futility at law.

It started in 2022; this was its second turn. This year, it was a free entry competition as usual, where

all students across the country had an opportunity to attend it. For BSS, thirty (30) students were on the first stage of uploading their essays in various languages; English, French, Kinyarwanda and Kiswahili.

Among them, three were selected to the final stage of interview. These were:

- ISHIMWE Natasha ROSINE (s4 PCB)
- NDAMUKUNDA VALENTIN (s6 MCB)
- INEZA TETA Nelly (s6 PCB)

As they expressed their thoughts at the interview stage, one of them made it to the awards. INEZA TETA Nelly (6PCB) hence this brings us to the point that: students of BYIMANA are able in all sectors.

Be it sciences, be it languages be it any competition, winning prizes is an option. upon this triumph, Nelly was awarded a laptop.

As she says, this laptop will help her in day to day academic assignments and even help her in the coming college applications as she is a candidate to the national exams.

Moreover, all the three contestants were given free entry cards in the KPL and were given novels that are due of more knowledge, enlighten and writing skills. Among them LEFT BEHIND- Novel by TIM LAHAYE & TERRY B. JENKINS catches more attention to the readers.

For sure, BYIMANA students write better than the best.



School environment



As a student who has personally experienced the nurturing environment of École des Sciences Byimana, a Marist school in Rwanda, I can attest to the school's commitment to fostering academic excellence, environmental consciousness, and moral values. This report provides an in-depth exploration of the remarkable features of École des Sciences Byimana's green environment, including its various facilities such as a school nurse, refectory, chapel, cafeteria, dormitories, classrooms, main hall, basketball and volleyball courts. Additionally, it examines how this environment enables students to study effectively while grasping moral, scientific, and Christian values.

A Serene and Green Environment: École des Sciences Byimana is nestled amidst picturesque landscapes, enveloped by lush greenery that creates a serene atmosphere conducive to learning. The campus's meticulously maintained green spaces, vibrant gardens, and tree-lined pathways provide

a peaceful backdrop for students' academic endeavors. The natural beauty of the surroundings fosters tranquility, reducing stress levels and allowing students to concentrate better on their studies.

Environmental Consciousness: École des Sciences Byimana's commitment to environmental sustainability is a cornerstone of the school's ethos. Through sustainable practices and educational

initiatives, the school instills in students a deep sense of environmental consciousness. The presence of green spaces serves as a daily reminder of the importance of preserving the natural world, inspiring students to become responsible stewards of the environment.

The Role of Various Facilities:
3.1 School Nurse:
École des Sciences Byimana





Here in byimana we value time above all else and the vigorous system allows us to use it properly and efficiently with our 5 minute rule



recognizes that students' physical well-being is essential for their academic success. The school employs a dedicated school nurse who attends to students' health needs promptly and effectively. From providing basic medical care to addressing minor injuries and illnesses, the school nurse ensures that students can focus on their studies without the distraction of health concerns.

The refectory and cafeteria at École des Sciences Byimana play a crucial role in nurturing students' overall well-being. These spaces offer nutritious meals, nourishing students' bodies and promoting a healthy lifestyle. Moreover, the communal nature of these facilities fosters social interactions, allowing students to build connections and forge friendships that contribute to a positive and supportive school community.

3.3 Chapel:

The chapel at École des Sciences Byimana serves as a spiritual sanctuary, providing students with a space for reflection, prayer, and moral development. The presence of the chapel on campus allows



students to deepen their understanding of Christian values and cultivate their faith. It serves as a focal point for religious observances and a reminder of the school's commitment to instilling moral values.

3.4 Cafeteria:

The cafeteria at École des Sciences Byimana serves as a vital hub where students can refuel and recharge during the school day. With a focus on providing nutritious meals, the cafeteria contributes to students' overall well-being and energy levels. This facility ensures that students have access to wholesome meals that support their physical and mental development.

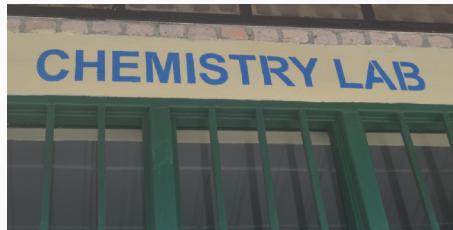
3.5 Dormitories:

École des Sciences Byimana offers dormitory facilities for students who live far from the school or





prefer a boarding option. The dormitories provide a safe and conducive living environment that supports students' academic pursuits. Living on campus fosters a sense of community, encourages independence, and enables students to develop important life skills such as time management and self-discipline.



Classrooms:

The classrooms at École des Sciences Byimana are designed to promote interactive and engaging learning experiences. Equipped with modern technology and resources, the classrooms provide an optimal environment for students to immerse themselves in their studies. Smaller class sizes allow for individualized attention, fostering meaningful student-teacher interactions and enhancing the learning process.

Main Hall:

The main hall serves as a multi-functional space for assemblies, events, and performances. This versatile facility brings the school community together, fostering a sense of unity and belonging. It



provides a platform for students to showcase their talents, whether through presentations, debates, or exhibitions. The main hall contributes to the vibrant school spirit and the celebration of students' achievements.

Basketball and Volleyball Courts:
Physical activity and sports are integral components of École des Sciences Byimana's approach to education. The school's well-maintained basketball and volleyball courts encourage students to engage in team sports and physical fitness activities. Through these facilities, students develop physical health, teamwork, discipline, and sportsmanship—essential attributes that contribute to their overall well-being and personal growth.

Academic Excellence and Moral Values:

École des Sciences Byimana's serene and green environment, combined with its various facilities, plays a significant role in fostering academic excellence and moral values. The presence of natural elements and a peaceful at-

mosphere allow students to focus better, enhancing their concentration, critical thinking, and creativity. Moreover, the integration of moral, scientific, and Christian values across the curriculum and extracurricular activities nurtures well-rounded individuals who are equipped to make a positive impact on society.

A Loving and Caring Student



Body:

One of the standout features of École des Sciences Byimana is the loving and caring nature of its student body. Students at the school support and encourage one another, creating a sense of camaraderie and unity. They collaborate on projects, share knowledge, and actively participate in extracurricular activities. This mutual support fosters a positive atmosphere, where



students feel valued and motivated to excel in their studies.

Dedicated Educators:
École des Sciences Byimana is blessed with a team of dedicated educators who genuinely care about the well-being and success of their students. These educators

go beyond teaching the curriculum; they act as mentors, guides, and role models. They take the time to understand each student's unique strengths and weaknesses, tailoring their teaching methods to meet individual needs. The educators at École des Sciences Byimana create an environment where students feel comfortable asking questions, seeking guidance, and exploring their interests.

Nurturing Relationships:
The relationships between students, educators, and staff at École des Sciences Byimana are characterized by care, respect, and understanding. The school

promotes an inclusive environment where every student feels valued and accepted. Educators take the time to build meaningful relationships with their students, offering guidance and support not only academically but also emotionally. This nurturing approach creates a safe and supportive space for students to express themselves and grow as individuals.

École des Sciences Byimana's green and nurturing environment, enriched by its various facilities, offers a unique educational experience that combines academic excellence with moral, scientific, and Christian values. The school's commitment to sustainability, the presence of green spaces, and the availability of facilities contribute to students' ability to study effectively and grasp these values. My firsthand experience at École des Sciences Byimana has highlighted the transformative impact of this environment, providing an education that prepares students not only for academic success but also for a lifetime of moral and intellectual growth.





Co-curricular Activities



Ecole des Sciences Byimana (ESB) is a prestigious secondary school in Rwanda that is known for its academic excellence and its commitment to providing students with a well-rounded education. One of the ways that ESB accomplishes this is through its strong sports program.

ESB offers a variety of sports activities for both boys and girls, including football, basketball, volleyball, and rugby. The school has a well-equipped sports field and a number of qualified coaches. Students who participate in sports at ESB have the opportunity to develop their skills, compete in tournaments, and make new friends.

Football

Football is one of the the most



popular sports at ESB. The school has a strong football team that has won numerous championships. The team is made up of all sorts of students, and they train together under the guidance of qualified coaches. The

football team at ESB is a source of pride for the school, and they are often invited to compete in tournaments against other schools in Rwanda.

Basketball

Basketball is another popular sport at ESB. The school has a boys' basketball team and a girls' basketball team. Both teams compete in tournaments against other schools in Rwanda. The basketball teams at ESB are well-coached and have a strong tradition of success. They are mainly referred to as the dream teams.



Volleyball

Volleyball is a growing sport at ESB. The school has a boys' volleyball team and a girls' volleyball team. Both teams compete in tournaments against other schools in Rwanda. The volleyball teams at ESB are well-coached and have a lot of potential for future success, as they have recently won many regional tournaments and attended the Kayumba tournament.

The Benefits of Playing Sports at ESB

There are many benefits to playing sports at ESB. Sports can help students to develop their physical fitness, learn teamwork skills, and build confidence. Sports can also help students to relieve stress and have fun.

A Fun and Relaxing Way to Enjoy Leisure Time

In addition to the physical and mental benefits, playing sports can also be a fun and relaxing way



to enjoy leisure time. Sports can provide a break from the stress of schoolwork and give students a chance to socialize with their friends.

The sport activities at Ecole des Sciences Byimana are a great way for students to stay active, learn new skills, and have fun. The school offers a variety of sports for both boys and girls, and the teams are well-coached and have a strong tradition of success. If you are looking for a fun and relaxing way to enjoy your leisure time, I encourage you to consider joining a sports team at ESB.





SCHOOL TEAMS



VOLLEY BALL SCHOOL TEAM



CAPTAIN OF FOOTBALL

with the help of skilled coaches and our educators we strive to make sport one of our priorities and even though we can't win them all, we take home what we can and we try again

Ecole des Sciences Byima-na also has incredible teams which have won several tournaments through out time. Their volleyball, basketball and football teams have won trophies on the district level. This was after many matches that were played and eventually won.



GIRLS BASKETBALL TEAM



CAPTAIN OF VOLLEYBALL



GIRLS VOLLEYBALL SCHOOL TEAM

FOOTBALL SCHOOL TEAM



Not only has our school won championships but we also take pride in hosting and wining friendly matches with other schools both near and far.

Our school is a school of science but it also helps its student to enjoy themselves through sports, and this creates a positive atmosphere for learning and developing physically and mentally.

CAPTAIN OF BASKETBALL



BASKETBALL-TEAM





Ecole des Sciences Byimana Alumni

Ecole des Sciences Byimana (ESB) is a prestigious secondary school in Rwanda that is known for its academic excellence and its commitment to providing students with a well-rounded education. The school's alumni are a testament to its success, as they have gone on to achieve great things in their chosen fields.

Many ESB alumni speak fondly of their time at the school.



They often mention the rigorous academic curriculum, the supportive faculty, and the close-knit community as being some of the things that made their experience so special. They also appreciate the school's focus on character development, which they believe has helped them to become successful



adults.

One ESB alumnus, Dr. Ntawukuriryayo J. Damascene, is a former President of the Rwandan Senate. He credits ESB with giving him the foundation he needed to succeed in his career. "ESB taught me the importance of hard work, discipline, and dedication," he says. "It also instilled in me a strong sense of patriotism and a commitment to public service."

Another ESB alumnus, the late Amb. Joseph HABINEZA, is a former Minister of Sports and Culture. He says that ESB helped him to develop his leadership skills and his appreciation for the arts. "ESB taught me how to think critically

and solve problems," he says. "It also exposed me to a wide range of cultures and perspectives, which has helped me to be more effective in my work."



Teachers representative

In addition to their academic and professional achievements, many ESB alumni also give back to the school in other ways. They often return to ESB to mentor current students in various activities or volunteer their time. They do this because they believe that ESB is a special place that has the potential



School officials receiving gifts from Students



Former students with School Administration

to change lives.

For example, Kagame Geoffrey, the President of the Byimana Alumni Association, has made it his mission to help ESB continue to provide a high-quality education to Rwandan students. He has organized fundraising events, donated money to the school, and helped to connect ESB with international partners. He says that he is committed to ensuring that ESB remains a “beacon of hope” for Rwandan students.

The alumni of Ecole des Sciences Byimana are a testament to the school’s success. They are hard-working, dedicated, and passionate about making a difference in the world. They are also grateful for



the opportunities that ESB has given them, and they are committed to giving back to the school in any way that they can.

The love and praise that ESB alumni have for their alma mater is a testament to the school’s unique culture and its commitment to providing students with a well-rounded education. ESB is a special place that has the potential



KAGAME Geoffrey
President of the alumni

to change lives, and its alumni are proof of that.

The Gift of ESB

The gift of ESB is not just a diploma or a set of skills. It is a gift of opportunity, a gift of community, and a gift of hope. ESB alumni are grateful for the opportunities that

the school has given them, and they are committed to giving back to the school in any way that they can.

One way that ESB alumni give back is by mentoring current students. They share their knowledge and experience with younger students, and they help them to navigate the challenges of high



school and beyond.

The gift of ESB is a gift that keeps on giving. The school’s alumni are grateful for the opportunities that they have been given, and they are committed to giving back to the school in any way that they can. They are proof that ESB is a special place that has the potential to change lives.

Ecole des Sciences Byimana is a school that nurtures excellence. Its alumni are a testament to the school’s success. The gift of ESB is a gift of opportunity, a gift of community, and a gift of hope. It is a gift that keeps on giving.



KWIBUKA 29

KWIBUKA EVENT



The events that happened at the tribunal were all meant to teach us about what happened and the all reflected on the hard past of Rwanda. We've heard about inspiring poem, songs, drama dances and most importantly testimonies. Latter on we've heard the talk of kwibuka (ikiganiro cya ibuka mu murende wa Byimana).



Students and Educators sharing the light

Ecole des Science Byimana is a school of excellence, but it's not only limited to studies, it also focuses on culture and history. Rwanda is among the countries with a dark past and a dark history. In 1994 Rwanda, there happened the Genocide against the Tutsi, every year since then in April, we remember.

On 26th may 2023, in Ecole des Science Byimana a special event was held "KWIBUKA 29" Organized and coordinated by AERG. The day began as normal but at 9:00 am students from all schools in the Byimana sector gathered at the "Tribunal", and as AERG arrived shortly after their walk to remember, the KWIBUKA EVENT began. The event started at 10:00 am when all students and guests had arrived.



This was the Ibuka event on the sector level and every school had to prepare the same event at the school level.

Students went back to school 12:20 for lunch and for other activities. In Ecole des science Byimana evening after supper at 6:00 pm, the school level ibuka event began. Guests including, Students, Teacher, Administration staff, Alumni students, President of ibuka at the sector level and many more all gathered in the Champagnet hall for the event.



During this evening we learnt many lessons, like how life was at the time, about how people became monsters, about the struggle of survival, the deaths that occurred in Byimana and most importantly we've learnt how to become patriotic and fight so that history doesn't repeat itself. These lessons were learnt through, mashirika, plays, songs, poems,



students lighting the candles

testimonies and the president of Ibuka.

IBUKA EVENT was a truly remarkable learning event, and at the end of the evening the closing section was "GUCANA URU-MURI RW'IKIZERE". The lessons learned will guide us to build better and unified country for all.



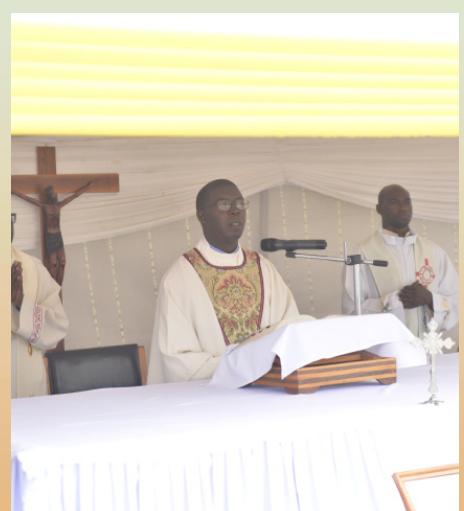


THE MOST WONDERFUL DAY IN E.S.C.BYIMANA



When its Champagnat day which is celebrated on 6th June every year, the whole of Marist family celebrate their patron saint, JOSEPH BENEDICT MARCELLIN CHAMPAGNAT who was born on 20th May 1789 in Lyon France, a priest for La Valla and a founder of Marist brothers. His life and mission is foundation of whole Marist family which is why Champagnat day is special as we are also a Marist school.

Prior to this day different activities are done in preparation. Religiously we do a novena of nine days, two weeks before do a Champagnat tournament and other various activities like evening show to select best performance to presented on Champagnat day itself. If you ask, in morning of Champagnat day still people were busy arranging chairs, receiving visitors and showing them their respective





place. Everyone offered the best can.

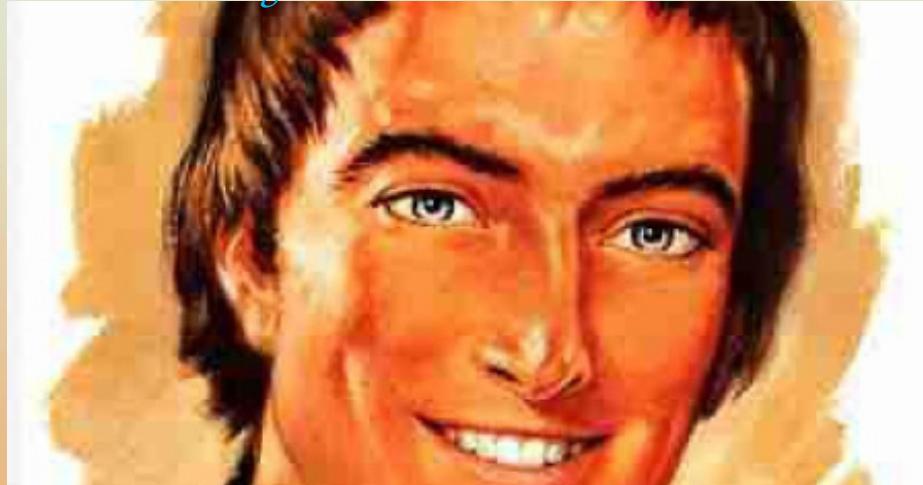
The event itself was started by Holy mass which was read by a messenger of Bishop of Kabgayi. Afterward our principle welcomed visitors and then the other presentations were presented like a Congolese dance done by our bursar; I never saw such adventure before in our school, traditional dance which did more than I expected, a poem and speech of honorable guest.



Byimana staff giving offerings



Students receiving sacraments



On that day also it was beautiful to watch our fellow student who has spent much time preparing finally get sacraments.

After the event the guest headed to main hall and student joined refectory where special menu of day was waiting for them.

“We had expectation of day but it left us in amusement. It was beyond expectation.”



Bursar Dancing



Champagnat tournaments



DoD calling the winners of the tournament

The Champagnat winners

As all of the Marist schools, we celebrate champagnat day in the memory of our patron saint JOSEPH BENEDICT MARCELLIN CHAMPAGNAT who is also a founder of Marist brothers of schools. They are ones who made Ecole des Science Byimana a school of excellence, discipline and Christianity.

In preparation of this big feast which is very awaited by many,



we have what we call Champagnat tournaments which include games and other talent competitions like singing, dancing and others.

Champagnat games are played by both girls and boys. The tournament is divided into two parts one of Advanced and ordinary level. The results of champagnat tournament is the following

Advanced level side

- 1.Basketball



Hon.MS Patricie Uwase



DOS awarding a student

On boy's side, the final was reached by PCB AND MPC the winners were MPC

On girl's side, the final was played by MPC and PCM the winners became MPC

2. Volleyball

On boy's side, the final was played by PCM and MPC, the winners were PCM

On girl's side, the final played by PCB and PCM, the winners PCB

3. Football

On boy's side, the final was played by PCB and MCB, the winners were PCB

On girl's side, the final played by PCB and MCB, the winners were MCB

4. Handball

On boy's side, the final was played by PCM and MCB, the winners were PCM

On girl's side, the final was played by PCB and MCB, the winners were MCB

Ordinary level side

1.Basketball

On boy's side: S3B and S3A, the winners were S3B

On girl's side: S1 and S2, the winners were S2

2.Volleyball

On girl's side: S2 and S3A, the winners S3A

On boy's side: S3A and S3B, the winners were S3B

3.Football:

Only boys played, the final was between S3A and S3B and the winners became S3A.

Singing competition

the winner on boy's side; LUC S3

the winner on girl's side; BELLA S3.

Dancing competition



MC Tr.Alphonse

the winners on boy's side; ROBERT and PARFAIT S3

the winner on girl's side; NEEMA, BENIGNE and CLOE S2(game changers)

Arm wrestling

O'LEVEL; ISHIMWE Claude S1
A'LEVEL; RAFIKI S6 PCM

E in our school has participated in those completion be a player or a supporter. All students were happy while supporting their respective classes. There were much joy and the winners were awarded.



Student being awarded by the alumni



Students happy with their trophy



INTERVIEWS



Brother INGABIRE Jean Marie Vianney

dents who they are meant to be, responding to the philosophy of Marist Education, which is holistic. This involves first of all strengthening family spirit whereby, everyone feels at home both students and educators and even all those who come in our school for various reasons.

It involves also putting emphasis on both curricular and co-curricular activities by making sure that students acquired knowledge and skills which they are expected to acquire in the competence-based curriculum. I want the school to excel not only in sciences but also in other areas such as languages, sports and culture, music, ICT, arts among others. This requires good partnership with all the stakeholders such as government authorities, parents, the alumni and other partners.

their dreams?

My advice to students is to keep the school golden rule: do the right thing, at the right time, in the right place, with the right person. In addition, as Jesus says, where your treasure is, there your heart will be also (Mt 6:21). My advice to students is to keep focused on their dreams. They should know their dreams and try to work hard to accomplish them. They should also know that no one is self-sufficient. Hence, it is better to share their dreams with other people especially those who are experienced and above all, they should pray and ask God to guide and strengthen them in whatever they are doing.

5. What is your personal vision and dream for the school?
My vision is to make all stu-

INTERVIEW FOR THE HEAD-TEACHER

1. How do you feel about being the principal of one of the best schools in the country?

I feel very happy and compelled to keep the school always the best in the country.

2. What personal experience did you gain from becoming head-teacher?

I have experienced the faithfulness of God. When I was asked to be the headteacher, I was wondering if I will make it, but I responded by Yes, putting my trust in God. I have experienced the realization of the saying that "God does not call the qualified, He qualifies the called." He has been always on my side. By becoming the headteacher, I have deepened some leadership skills such as collaboration, listening and patience.

3. What is your motivation in daily activities?

My motivation is doing good always even if sometimes I fail but in general, I get positive feedback from both students and parents. Most often, when I ask students how they are feeling, they tell me that they are feeling well. This happens with parents when they admire the service that we are offering as school.

4. What advice can you give to students regarding accomplishing



The head of the Teacher's Council

One of the favorite teachers that each and every student in Byimana recognizes after a very short time entering school is Teacher Rukundo Jean D' Amour, a Mathematics teacher in A' level.

"No! when I was a child I wanted to be a Doctor"

So, one may wonder how a person so passionate about pursuing the Medicine career turned to be their Mathematics teacher and the simple answer to that is

"ONLY GOD KNOWS WHY"

"Being a teacher is fun because simply it has more advantages than disadvantages and this is enough reason to make this career fun. Although it doesn't mean that being a teacher doesn't have challenges because it requires Patience and Hard work."

So, one may wonder how a person who had a dream to become a doctor was able to deliver excellent courses that he turned out to be among the favorite teachers of every learner.

"Through trying to involve and engage each and every student in their lesson."

It's quite visible the technique that is applied to make the learners become so fond of the lesson is by making become their lesson not the Teacher's.



Tr. Rukundo Jean Damour

"How did it feel to be made the representative of the teachers?"

Surprisingly Teacher Rukundo just said :
"It felt somehow okay."

Astonishing as it sounds the teacher's reply was explained in this way

"Being a leader is serving others and it requires me to give extra time added to my regular schedule."

Many people debate about this topic and we also want to hear about the Teacher's own point of view:

"Is Success decided by one's Fate, Chances, Luck or Hard work??"

"You know for me I think all are deciding factors of the success of a person. Because some people do get success from fate, mere luck , or through thriving and hard working."

So to end the interview Our beloved Teacher of course had to give some advices to us walking, and among those:
"

Set goals.

Obey instructions

Revise a lot because it's through practice that perfectionism comes from."



FUN FACTS

History of Social Media

Our adventure kicks off in 2002 with the pioneer of virtual friendships, Friendster. Imagine a world where making friends wasn't limited to the physical realm but extended to the vast expanses of the internet. Friendster set the stage for the social media spectacle we know today.

Facebook. Mark Zuckerberg's brainchild, initially a college experiment, evolved into a global behemoth with a mind-boggling 2.8 billion monthly users. It's not just a platform; it's a digital universe where relationships bloom, memories are preserved, and connections span continents.

Twitter, the maestro of microblogging, fluttered onto the scene in 2006. With its 280-character limit, it turned us into wordsmiths, fostering a culture of concise communication and hashtag trends.

Instagram, the visual virtuoso, added a kaleidoscope of colors to our lives in 2010. Suddenly, our moments became artistic masterpieces, filtered through the lens



of Clarendon, Valencia, and other creative tools. Every photo told a story, and every filter painted a mood.

Snapchat, the mischievous maverick, disrupted the scene in 2011 with ephemeral messaging. Vanishing acts turned chats into thrilling mysteries, proving that sometimes, the best conversations are the ones that leave no trace. YouTube, the video vault of wonders, took flight in 2005. Today, it boasts over 2 billion monthly users, offering a treasure trove of

entertainment, education, and cat videos.

And then, there's TikTok – the current darling of the digital dance floor. With short, snappy videos, it's a celebration of creativity, spawning trends, and turning ordinary moments into extraordinary spectacles.

But it's not just about the spectacle; social media is a force for good. It's a bridge that connects hearts across oceans, a canvas for self-expression, and a classroom where knowledge knows no bounds. From rekindling long-lost friendships to sparking social movements, social media's benefits are as diverse as its users.

In this ever-evolving digital wonderland, where each platform adds a new layer of excitement, the magic of social media continues to unfold. So, let's celebrate this extraordinary journey, applaud the creativity it unleashes, and embrace the connections that make our world a global village – one post, tweet, and video at a time.





Sports



In the vibrant tapestry of sports, soccer, basketball, and volleyball stand as pillars of unity, weaving a common thread of teamwork, skill, and shared passion. Soccer, a universal language, transcends borders, bringing together nations on the field in a celebration of goals and camaraderie. Basketball's dynamic rhythm echoes in urban arenas, breaking down barriers with its global appeal, while volleyball's precision and coordination form a global net where players connect through spikes and saves.

Beyond the differences, these sports share a profound sense of unity, mirroring the broader spectrum of human connections. The significance of sports extends beyond the thrill of competition, offering invaluable life lessons in teamwork, discipline, and resilience.

For young enthusiasts, engaging in sports isn't just a recreational choice but a transformative journey. Physical and mental wellbeing

aside, sports instill vital skills such as leadership and adaptability. It's not about the specific sport but the holistic development it fosters. Whether chasing a ball, shooting hoops, or spiking a volley, the joy of play should be a source of pride, emphasizing the diversity of victories beyond the scoreboard.

Moreover, the stories of professional athletes like Ronaldo in soccer and Curry in basketball serve as inspiring beacons. They showcase that with dedication, passion, and hard work, anyone can aspire to reach professional heights in

their chosen sport. So, young athletes, embrace the field, court, or volley zone – because in the pursuit of your passion, you're not just playing a game; you're crafting a pathway to personal growth and potential success.





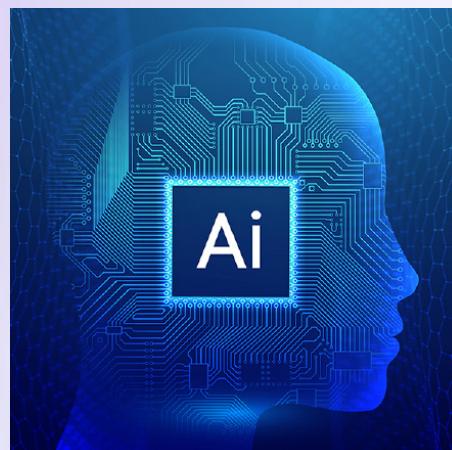
FOREIGN NEWS



Artificial Intelligence (AI) has witnessed remarkable advancements in recent years, transforming various sectors of society. As technology continues to evolve, AI has become an integral part of our daily lives, impacting industries such as healthcare, finance, transportation, and more. This essay aims to delve into the latest trends in artificial intelligence, highlighting key developments and their potential implications.

Machine Learning (ML) and Deep Learning (DL) have emerged as significant areas of focus within AI. ML algorithms allow machines to learn from data and make predictions or decisions, while DL involves training neural networks with multiple layers to recognize complex patterns. In recent years, advancements in ML and DL frameworks, such as TensorFlow and PyTorch, have accelerated AI development. Deep Reinforcement Learning has also gained attention, enabling AI systems to learn through trial and error, resulting in significant breakthroughs in areas like robotics and game playing.

Natural Language Processing



(NLP) and Conversational AI : NLP, a branch of AI concerned with human language understanding and generation, has made substantial progress. NLP models like BERT and GPT-3 have achieved

remarkable language comprehension abilities, enabling various applications like text summarization, sentiment analysis, and language translation. Conversational AI, powered by NLP, has led to the development of virtual assistants and chatbots that can engage in human-like conversations. Chatbots have become increasingly sophisticated, employing techniques like Generative Pre-trained Transformers (GPT) to provide more natural and context-aware interactions.

Advancements in computer vision have revolutionized fields such as autonomous vehicles, healthcare, and surveillance. Convolutional Neural Networks (CNNs) have played a pivotal role in image recognition, enabling AI systems to identify objects, faces, and even emotions accurately. Deep learning techniques have significantly improved the accuracy and speed of image processing tasks, with applications ranging from facial recognition for security purposes to medical imaging analysis for disease diagnosis. Real-time object detection and tracking algorithms,





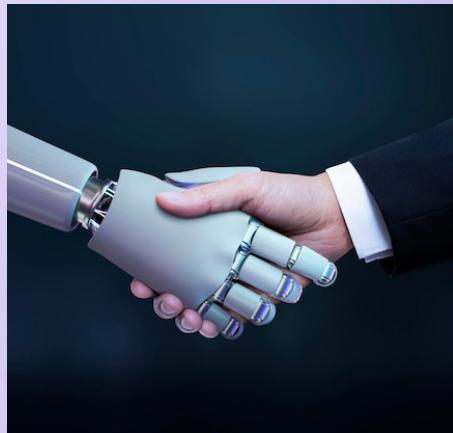
like YOLO (You Only Look Once) and SSD (Single Shot MultiBox Detector), have further enhanced the capabilities of computer vision systems.

Explainable AI:

The demand for transparency and accountability in AI systems has led to the emergence of Explainable AI (XAI). XAI focuses on developing AI models and algorithms that can provide human-understandable explanations for their decisions and actions.

This development is critical in domains where trust and ethical considerations are paramount, such as healthcare and finance. XAI techniques, like rule-based models and feature importance analysis, help bridge the gap between the black-box nature of AI systems and human comprehension, thereby enhancing trust and fostering responsible AI deployment.

The field of artificial intelligence continues to evolve rapidly, with notable trends shaping its landscape. Machine learning and deep learning, natural language processing, computer vision, and explainable AI are just a few areas witnessing significant advancements. As AI becomes more pervasive, it is crucial to monitor these trends, as they have the potential to reshape industries and society as a whole.



E-SPORTS



Esports has rapidly transformed from a niche interest to a global phenomenon, significantly impacting the entertainment industry. With an estimated net worth reaching several billion dollars, its economic presence is undeniable. Games like Valorant, Call of Duty, Apex Legends, Genshin Impact, Mobile Legends: Bang Bang, and League of Legends have become the focal points of competitive gaming, captivating audiences across both PC and mobile platforms.

Governments worldwide are recognizing the immense potential of esports and actively investing in its

development. This investment extends beyond financial backing to include the establishment of dedicated esports infrastructure. Governments are building state-of-the-art arenas, training facilities, and even integrating gaming into educational programs to nurture digital skills.

The societal impact of esports is multifaceted. On one hand, it provides a platform for intense competition, allowing players to showcase their skills on a global stage. Many aspiring individuals now view becoming a professional player as a viable career path, with organized leagues





and lucrative sponsorships offering opportunities for success.

The democratization of esports through mobile gaming has played a pivotal role in making it accessible to a broader audience.

In the gaming landscape, titles like Genshin Impact have introduced a blend of captivating storytelling and stunning visuals, attracting a wide player base. The collaborative and team-oriented nature of games like Valorant, COD, Apex Legends, MLBB, and LoL fosters camaraderie and shared experiences, mak-

ing gaming a social activity that transcends physical boundaries.

In conclusion, esports has evolved into a dynamic industry with a substantial economic footprint. Governments are investing in its growth, and the societal impact ranges from fostering professional aspirations to creating spaces for social interaction. Whether you're aiming for the competitive stage or simply seeking enjoyment with friends and family, the expansive world of esports offers a diverse array of games to cater to every taste and preference.



Crucially, esports is not solely about competition and professional aspirations. It serves as a platform for shared experiences, allowing friends and family to come together, bond, and enjoy the thrill of gaming. In this expansive realm of esports, with its diverse array of games, there's something for everyone, whether you're seeking professional glory or simply looking to have fun and create lasting memories with loved ones.





The Former Student Committee



CREDITS

With immense gratitude, we extend our heartfelt appreciation to the incredible contributors who made the Ecole des sciences Byimana school magazine a resounding success. Our sincere thanks to the dedicated school officials, tireless teachers, and the entire student body for their unwavering commitment and creative brilliance.

Your collective efforts have transformed pages into a canvas of innovation, knowledge, and artistic expression. Each article, photograph, and design reflects the passion and hard work that went into its creation, showcasing the remarkable talents of our school community.

This magazine not only captures our journey but also embodies the spirit of Ecole des sciences Byimana. It stands as a proud symbol of unity and collaboration. Thank you for making this endeavor a reality and for enriching our school's legacy. Your contributions will continue to inspire and uplift for years to come.

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