GRAND Finale

26TH OCTOBER 2022

GREAT HALL, KNUST
Join the ignition lifestyle

Ignition Account is the ideal student account.

Enjoy free banking services including:
- International debit card
- Internet and Mobile Banking
- Access to ReadytoWork Skills Development Programme
- Discounts with our Alliance Partners

Sign up now

That’s Africanacity. That’s Absa.

absa.com.gh

Terms and conditions apply.
Absa Bank Ghana Limited (registered number CS14407/2016) is regulated by the Bank of Ghana.
2:00pm – Introduction of Guests
2:10pm – Jama Session by Finalists
2:20pm – Welcome address by Mrs. Nana Akua Ankomah-Asare
2:35pm – Message to Finalists by Mr. Opoku-Ahweeeneh Danquah, NSMQ Presec ’97 & CEO, GNPC
2:40pm – Address by Director-General, Ghana Education Service
2:45pm – First Video Montage
2:55pm – Address by Special Guest of Honour, His Royal Majesty Otumfuo Osei Tutu II, Asantehene.
3:05pm - Keynote address by Hon. Dr. Yaw Osei Adutwum, Minister for Education
3:15pm – Second Video Montage
3:25pm – Final Contest begins
Award Ceremony - 5:30pm
1. Presentation of Absa MoneyZone and Prudential Life Insurance NSMQ Star/Goil Riddle Bonanza Prizes
2. Presentation of Academic Scholarships
3. Presentation of Special Awards
4. Presentation of Grand Prizes
Welcome Address

MRS. NANA AKUA ANKOMAH-ASARE
Managing Director, Primetime Limited

The Honourable Minister of Education, Dr. Yaw Osei Adutwum, the Director-General of the GES, Dr. Eric Nkansah, our special guest of honour for this august occasion, His Majesty, Otumfuo Osei Tutu II, Dr. Kwaku Mensa-Bonsu, Chairman of Primetime Limited, our partner sponsors – Absa Bank Ghana, Joy News and supporting sponsors, heads of schools, special invited guests, participating schools, our cherished fans, ladies and gentlemen, it is my pleasure to welcome you all to the Closing Ceremony and Grand Finale of the 2022 edition of the National Science & Maths Quiz.

NSMQ 2022 has been absolutely fantastic and full of excitement and surprises. We have witnessed some very heated contests that have been taken right down to the wire and others that have been over after the very first round. We have sung jama songs and clapped to cheer on our schools, jumped and screamed for joy when they have won and wept when they have lost, over the course of the past three weeks. We hope this final contest climaxes the season in grand style!

I would like to congratulate Abetifi Presby SHS, St. James Seminary, Kumasi High School, Mfantsipim School, St. Augustine's College and Opoku Ware School for giving us such thrilling contests at the Semi-finals and pushing our finalists here to strive for excellence in their respective contests. I am so proud of Abetifi Presby, Assin State College and Kumasi Secondary Technical School, especially for how far they have come in this competition. I give a special mention also, to Osei Kyeretwie SHS, who were part of the nine schools invited to participate in this National Championship, based on their impressive scores at the Regionals. Their performance here was excellent on all counts and we are immensely proud of them. We cannot wait to see how they will fare in subsequent NSMQ editions.

Year after year, it has been our most fervent desire to see the girls excel in the competition and, ultimately, lift the championship trophy. Unfortunately, this year was the poorest year for the girls' schools, since the competition came back to life in 2012, as none of them qualified to compete at the Quarter-finals! It is my humble request to the heads of the girls' schools, to take another look at giving these young female scientists the support they need to excel at this competition and make a name for themselves and for their schools.

Great ideas come from seemingly small, or mundane things and the NSMQ is no exception. It is difficult to imagine that this programme, that has had as many as 512 schools competing in the 2022 edition and the whole of Ghana tuning in to monitor the performance of their schools, was inspired by a bird perched on an
electric wire. This inspiration, would have remained an idea, had it not been supported by funding from various corporate and governmental institutions.

We would, therefore, like to express our greatest appreciation to our main sponsor, the Ghana Education Service, GES, and the Ministry of Education, who have been the backbone of this programme, even in these challenging times.

We are grateful to Absa Bank Ghana Ltd, for sponsoring the MoneyZone, the Excellence Awards and the NSMQ Regional /Zonal Championships. Your sponsorship has, in many ways, brought a huge amount of help to our cause and we are very grateful. We hope that we can count on your support for many years to come.

We also would like to say a very big thank you to our supporting sponsors – GOL, for sponsoring the Riddle Bonanza; Prudential Life Insurance Ghana Ltd, for sponsoring the NSMQ Star and AirtelTigo, for sponsoring the Highest Scorers of the Day. Your sponsorship has spiced up the contests and given the contestants prizes worth fighting for, right from the Prelims to the Finals.

Special thanks go to Dano Milk, Newmont Ghana, Puma Drinks and ZipLine for supporting us; GNPC, Accra College of Medicine and Academic City University College for your support and generous scholarship packages.

We thank, most sincerely, the Multimedia group, led by Joy News for the great technical support to the NSMQ. Multimedia, ayekoo! Joy News, YFM and Studio HD, thank you for your support to this programme, which has brought these 79 thrilling contests right into the homes, offices and doorsteps of our fans. We are grateful for the exposure and reach.

Our sincere appreciation also goes to the Banful Family and Mr. Bubune Adih for their thoughtful prizes to deserving contestants and teachers. God bless you abundantly for supporting and inspiring these young ones to do well in this competition.

Our sincere thanks also go to all the school heads, teachers and coordinators for their monumental efforts and contributions to preparing the students for this competition each year. We appreciate the personal sacrifices you make, often at the expense of your families, to train students to excel at this competition. Thank you to all the school teams that participated in NSMQ 2022, each and every one of you has displayed great intelligence and knowledge, grit, and fortitude in the face of defeat and we could not be more proud to call you alums of the NSMQ. We look forward to seeing you do wonderful things in subsequent years to develop our nation, Ghana.

We are highly appreciative of the professional and dedicated service of our team of consultants, quiz mistresses, regional quiz moderators, regional science coordinators and collaborators. Thank you and well done to you all. I would like to single out the immense contribution of Professor William Afiakwa Asomaning, consultant for Chemistry and the longest-serving member of the consulting team for the NSMQ (1993-2021). We salute you for your hard work and dedication.

Congratulations to the Primetime Team! Despite the many hoops and hurdles we have had to jump, we have pulled off yet another successful edition of the NSMQ. Thank you for your hard work and dedication, the loong, year-long planning meetings, sleepless nights, long weeks of travel and work, and the innovative ideas and strong management skills that you bring to bear on the competition. Ayekoo, mo ne adwuma pa! I would be remiss if I did not say a big thank you to the families and friends of the Primetime Team. You hold us down and cover for us when we are away for so long for work. Thank you for all you do to make it possible for us to do our work unencumbered.

Last but not least, I would like to extend our sincere gratitude to our ardent fans; you add life, heat and colour to this programme and we are grateful for your immense support.

Now to our finalists, our defending champions, Prempeh College, Presbyterian Boys Secondary School, (PRESEC) - Legon and Adisadel College, we are very proud of each and every one of you here. You are all Champions, no matter the outcome of this contest, so do your very best up here on this stage. It is my strong belief that you all will go on to do great exploits, I wish you all the very best and may the very best school win.
We will certainly look back on this year’s competition as one of the finest and competitive in quite some time. The #NSMQ2022 has once again lived up to expectation as a very competent and well-patronized platform in Ghana.

What is even more transformative this year, is the level of engagement it has brought to the schools and students; and the overall push for relevance regarding Science, Technology, Engineering and Mathematics education (STEM).

A bank like ours believe in bringing possibilities to life for our clients, customers, communities and the larger society. Our support for this competition aligns with a commitment to empower and encourage the promotion and awareness of STEM education in Ghana. It is also a way of reinforcing our role in society as a thought-leader in youth development advocacy.

We believe that STEM education will continue to be relevant in igniting Ghana’s socio-economic transformation in the long term, and we are happy to be at the forefront in making this possible.

As we bring this year’s National Championship to an end, we want to congratulate Prempeh College, Adisadel College and Presbyterian Boys Secondary School, Legon for making it to the finals of the competition. If the passion and brilliance displayed this year are anything to go by, then we are all in for a real treat.

May the team that is Brave, Passionate & Ready win.
THE ULTIMATE EXPERIENCE

STEP UP
WITH GEORGE & MERQURY QUAYE
SUNDAYS 7:30PM

BIG CHEF
SEASON 2
SUNDAYS 5PM
Presenter: Michelle Agyekum

JOY CAMPUS
Hosts: Paa Kwesi Schandorf Fostina Sarfo
SUNDAYS 11AM

@JoyPrimeTV @JoyNewsOnTV
The National Science & Maths Quiz (NSMQ) is an educational programme that is aimed at promoting the study and application of Science and Mathematics at the Senior High School level. The NSMQ starts with the Regional Qualifiers, which are organised in 10 (ten) regional capitals, to select 108 regional winners from the sixteen (16) regions in Ghana. These schools then join the 27 seeded schools that made it to the Quarter-final Stage of the previous year’s edition, to make a total of 135 competing schools at the National Championship.

Target Group
The primary targets of the programme are the Senior High Schools, who are the participants, and in effect, the direct beneficiaries of the programme. The secondary targets are:

- High School graduates who are seeking to better their grades in Science and Mathematics.
- Parents/Parent-Teacher Association (P.T.As).
- Old students’ Associations.
- Members of the general public.

Objectives
The NSMQ is set on the following:

- To promote the study, standard and popularity of Science and Mathematics in Senior High Schools.
- Help Senior High School students develop quick-thinking skills, and a probing and scientific mind about the things around them.
- Promote a healthy academic rivalry between Senior High Schools.
- To keep old students still interested in their schools and encourage them to offer help to their alma mater.
- To inculcate a degree of science culture in the Ghanaian society for all to see Science as a way of life.
The idea for the production of a quiz programme aimed at encouraging the study of the Sciences was hatched on a tennis court of the University of Ghana, Legon, where Mr. Kwaku Mensa-Bonsu, then Managing Director of Primetime, was at the court to play his favourite game with his playmate, the late Professor Ebenezer Kweku Awotwi, Professor of Animal Science, then Dr. Awotwi. Mr. Mensa-Bonsu was curious as to why birds could stand on a live electric wire without getting electrocuted, but human beings could not do same. From Dr. Awotwi’s explanation, Mr. Mensa-Bonsu got the idea of putting together a quiz programme on Maths and Science, focused on scientific explanations behind every-day phenomena, in addition to the topics from the regular Science curriculum for Senior High Schools. This is how it all started, 29 years ago, in April 1993. Since then, the National Science & Maths Quiz (NSMQ) has seen 26 exciting editions, with this 27th edition coming off from October 3 – 26, 2022.

The programme was first recorded in October, 1993, with the late Prof. Marian Ewurama Addy, Professor of Biochemistry at the University of Ghana, Legon, as the quiz—mistress. It was originally named the Brilliant Science and Maths Quiz, as Brilliant, the blue soap from the stables of Lever Brothers (now Unilever), was the sole sponsor of the programme. The name was changed to National Science & Maths Quiz in 1998, when Brilliant dropped its sponsorship, due to a change of management and policy direction. Amstel Malta, from Ghana Breweries Limited, (now Guinness Ghana Breweries Limited) took up sole sponsorship of the programme, from 1998 – 2001, when it dropped its sponsorship, also asa result of a change of management and policy direction. Next, the Ghana Education Trust Fund, (GetFund) sponsored the programme from 2002 until 2008, when it dropped its sponsorship of the programme.

In 2009, Primetime took up the cost of producing and airing the programme, in the hopes of attracting sponsorship to help pay for the programme, but this did not work out, as hardly any sponsors came on board the programme. Consequently, the programme was forced to take a two-year break, i.e. 2010 and 2011, as the large budget, necessitated by the huge logistic support needed for the programme, was too much for Primetime to bear alone.

The programme, however, was such an important event on the academic calendar of the senior high schools that it was sorely missed and students, teachers, heads of schools and parents alike began appealing for its return. This prompted Primetime to seek support from the Conference of Heads of Assisted Secondary Schools, CHASS, which accepted the challenge. The Ghana Education Service, therefore, levied each Senior High School student to raise the funds needed to
produce the programme. Thus, the National Science & Maths Quiz, made its return to the academic calendar in June, 2012.

The competition returned in 2012 with many improvements, and in 2014, the number of participating schools increased to 135, from 81 participating schools at the 2013 edition, which was in itself an increase from the 2012 number of 40 participating schools. The participation of CHASS enabled this expansion, which allowed more schools to participate in the competition.

In its quest to continue growing the NSMQ brand and add more value to the experiences of its participants, Primetime, in 2013, began to add on a number of events to the month-long quiz competition: Mentorship Sessions (2013), Tours (formerly Excursions, 2015), the Sci-Tech Fair, and NSMQ Interco (formerly Picnic, 2017). This turned the quiz into a great celebration of academic and technological excellence in Science and Maths, as well as in team-building values. However, Primetime realised that little attention was given to these satellite events, as everyone’s focus was on the main quiz. For this reason, the Mentorship Sessions and the Sci-Tech Fair were detached from the NSMQ in 2021 and morphed into a new event; STEM Festival. This decision was taken to give these satellite events the attention that they deserve, greater exposure, as well as room to grow to their fullest potential. The second edition of the STEM Festival came off from September 1 – 24, 2022 in Accra.

Even though COVID-19 has been contained to some extent, the two other satellite events of the NSMQ – Tours and NSMQ Interco – have been suspended to ensure that we adhere to the protocols regarding social distancing and large social gatherings and limit the amount of contact between participants in camp and the outside world.
PRUBuddy
A support plan for Alumni and Associations

Coming this October!

Prudential Life Insurance Ghana
On Monday, October 3, 2022, the 2022 edition of the National Science & Maths Quiz was launched successfully at the GNAT Hall in Accra. In attendance were:

- Mrs. Sheila Naah-Boamah – Technical Advisor, Ministry of Education
- Madam Pay Assan – Director of Schools and Instructions, Ghana Education Service
- Madam Olivia Opare – Director of Science Education Unit, Ghana Education Service
- Mr. Ebenzer Amankwa – Head of Corporate Communications and External Relations, Absa Bank
- Mrs. Nana Akua Ankomah-Asare – Managing Director, Primetime
- Dr. Kwaku Mensa-Bonsu – Chairman, Primetime

Others included representatives of sponsors for the 2022 edition of the NSMQ, members of the press and other distinguished guests.

The Launch opened with a welcome address by Mrs. Nana Akua Ankomah-Asare, the Managing Director of Primetime Limited, who was particularly excited about the opportunities the NSMQ had provided participants from less-endowed communities. She cited the memorable and inspiring story of Francisca Lamini, member of the NSMQ 2021 Keta SHTS team, and her life-changing journey from Dabala, Volta Region, Ghana, to Harvard University, Boston, Massachusetts, USA.

She also mentioned Primetime’s partnership with the Swiss Youth in Science Foundation, which afforded Eden Nana Obeng Kyei, member of the 2021 NSMQ winning team, the opportunity to participate in the 2021 International Swiss Talent Forum in Switzerland.

“It is our hope that this partnership will be a long lasting one which would give our students the exposure and opportunity to achieve great feats.”

Mrs. Ankomah-Asare congratulated all the schools that qualified to represent their individual regions at the National Championship, and commended all heads of participating schools, Directorates of Education, and the teachers of the participating schools for all the hard work and sacrifices they had made in preparing the students for the NSMQ.

She especially thanked the Ghana Education Service for their unwavering support throughout the years, as well as to all the other sponsors for their indispensable contributions of time, money, technical support and other resources towards the successful production of the NSMQ.
Mrs. Ankomah-Asare concluded by wishing all the schools the best of luck in their quest of winning the revered NSMQ trophy and title of National Championship.

Madam Patty Assan, Director of Schools and Instructions at the Ghana Education Service, congratulated Primetime for sustaining the programme all these years, thereby enhancing STEM Education among the youth. This, she mentioned, was in line with the core mandate of the Ghana Education Service in its commitment to ensuring that Science, Technology and Innovation became the main drivers of the country’s national development.

Delivering the keynote address, Mrs. Shelia Naah-Boamah, the Technical Advisor at the Ministry of Education, highly commended Primetime for their ability to produce and sustain the programme for close to three decades.

She mentioned that the Ministry of Education was doing their best to reengineer the country’s education system to get more people to pursue the sciences, rather than the humanities, and the Ministry was positive that the NSMQ was shaping the interests of candidates at the senior high school level.

Mrs. Naah-Boamah officially launched the 2022 edition of the National Science & Maths Quiz on behalf of the Minister of Education, Dr. Yaw Osei Adutwum.

Representatives of Absa Bank, Goil, Prudential Life and AirtelTigo shared goodwill messages with the NSMQ contingent, after which the balloting exercise for the Preliminary Stage of NSMQ 2022 commenced.

This made it the third time the balloting for the Preliminary Stage had been conducted at the Launch of the NSMQ. The exercise was done by representatives from the GES, Absa Bank, GOIL, AirtelTigo and GNPC.
Highlights of the National Championship Contests

The 2022 edition of the NSMQ began with the Regional Qualifiers, where schools who could not make it past the One-eighth Stage of the 2021 edition, as well as new entrants, competed among themselves to make it to the National Championship. The Qualifiers were held in the erstwhile ten regional capitals to select representatives from each of the sixteen regions in the country. A total of 108 schools from across the country qualified to represent their respective regions at the National Championship.

After the Regional Qualifiers, nine more schools were invited to join the National Championship, by virtue of losing their respective contests with 40 points and above. These schools were:

1. Achimota School
2. Mankranso SHS
3. Ofori Panin SHS
4. Osei Kyeretwie SHS
5. T.I. AMASS, Kumasi
6. SDA SHS, Bekwai
7. St. Monica’s SHS
8. Tema Secondary School
9. Winneba SHS

This left the total number of participating schools at the National Championship at 117. However, after the balloting exercise, T.I. Ahmadiyya SHS withdrew from the competition, citing unpreparedness as the reason for their withdrawal.

The National Championship was held in the Ashanti Region, Kumasi for the second consecutive time.
The Preliminary Stage of the competition came off from October 10 – 13, 2022 at three venues – Kumapley Auditorium and Saarah-Mensah Auditorium, both at KNUST and the assembly hall of KNUST SHS. There were 39 contests in all, and this involved the 116 schools from the Regional Qualifiers. While the outcome of some of the contests were surprising, others were totally predictable. A number of schools that were anticipated to progress exited the competition, with others progressing on thin lines, while others breezed through smoothly as expected. A total of 54 schools progressed to the One-eighth Stage, and this comprised 39 winners and 15 top runners-up.

St. Thomas Aquinas SHS, one-time champions of the NSMQ, were predicted by many to win their Preliminary Stage contest, and they did just that, and in grand style too. They basically owned the 9th contest, which also featured Eguafo Abrem SHS and Pong-Tamale SHS. It was almost as if the contest was a Q & A session between the Quiz Mistress and St. Thomas Aquinas SHS. The contest ended with St. Thomas Aquinas SHS making 85 points, the highest score recorded at the 2022 edition of the National Championship. Eguafo Abrem ended with 23 points, while Pong-Tamale SHS scored one point only.

The 17th contest was probably the keenest of all the 39 contests. St. Francis Xavier Sem. SHS, after failing several times to become seeded again, was not ready to let go of a win, neither was Wesley SHS, Bekwai, who were also looking forward to being seeded for the very first time. The contest was intense! Supporters from both sides were highly on edge, as the tables kept turning round after round, till the final round where the contest ended in a tie. It was a good day for St. Francis Xavier Sem. SHS, as they answered the tie-breaker question correctly to progress to the One-eighth Stage. Fortunately for Wesley SHS, Bekwai, their losing score of 40 points was high enough to enable them progress to the One-eighth Stage as one of the 15 top runners-up.

Holy Child School have, for the past few years, struggled to maintain their stature as a top performing school at the NSMQ. Coming into the 29th contest, Holy Child School, Kumasi Sec. Tech and OLAM SHS had almost equal strength, judging from their individual performances at the Regional Qualifiers. Just as in the 17th contest, it was keenly contested as Kumasi Sec. Tech and Holy Child School were on each other’s tail throughout the contest, eventually driving it into a tie. Unfortunately for the Girls, Kumasi Sec. Tech. broke the tie to progress to the One-eighth Stage.
To Mfantsipim School, the Preliminary Stage contest was just a means to an end. After three consecutive years of losing their contests at the early stages of the National Championship, they came into the competition this year with a new game plan. Their Preliminary Stage contest, which also featured West Africa SHS and Sandema SHS, was a mere formality. People expected West Africa SHS to give them a hard time, but the boys from Mfantsipim were poised. Regardless of the competition they faced from West Africa SHS, Mfantsipim School remained composed and made it to the One-eighth Stage of the competition with an impressive score of 61 points. West Africa SHS, on the other hand, with 43 points, also made it to the One-eighth Stage as one of the 15 top runners-up.

Give someone a second chance and you might end up being surprised. This was the case of Osei Kyeretwie SHS, who only joined the National Championship as one of the nine top runners-up from the Regional Qualifiers. The team had raging fire in them; they were absolutely unstoppable when they came up against Krachi SHS and T.I. AMASS, Potsin in the 26th contest. Neither of their opponents was a match for them, and at the end of the day, Osei Kyeretwie SHS garnered 61 points to progress to the One-eighth Stage. Krachi SHS and T.I. Amass, Potsin could only manage to end with 16 and 13 points respectively.

It was evident from the Regional Qualifiers that schools in the Eastern Region had something in them this year. It was, therefore, not surprising when a majority of them performed exceptionally well at the Preliminary Stage. Notable among these schools were Presby SHS, Abetifi, who won their contest with 53 points; Presby SHTS, Aburi; who won with 64 points and Koforidua Sec. Tech., who won with 52 points.
One-eighth Stage

The One-eighth Stage contests were held simultaneously at the Kumapley Auditorium and the Saarah-Mensah Auditorium from October 15 – 18, 2022. The 27 seeded schools from the 2021 edition of the NSMQ joined the competition at this stage to compete with the 54 schools that qualified from the Preliminary Stage.

Winning contests at the One-eighth Stage is a big deal for many schools, as this is the stage where seeding for the next edition of the competition begins. For some schools, it is an achievement to be seeded, and is their only agenda for the year, while others consider it as yet another bridge to cross to the ultimate. Up until the 2022 edition, only three schools – Wesley Girls’ High School, Prempeh College and Adisadel College – had been able to maintain their seeds since 2012. Unfortunately, Wesley Girls’ High School lost their seed this year and would have to start their NSMQ 2023 campaign from the Regionals for the rst time.

The One-eighth Stage was fraught with many shocking outcomes; it was characterised by outstanding performances from lesser-known schools and intense competition from schools who have historically not done well in the competition.

One of the most outstanding contests at the One-eighth Stage was Contest 6 that featured Mfantsipim School, Presby SHS, Suhum and Techiman SHS. Mfantsipim School’s name was gradually fading from the list of NSMQ “big boys” owing to their failure to be seeded in the past three years. When the boys mounted the stage, their demeanour screamed “now, or never,” and regardless of the stiff opposition they faced from Presby SHS, Suhum, they remained resolute in moving to the next stage of the competition. At the end of the day, Mfantsipim School won the contest by a whisker; a one-point margin.

In 2020, St. Thomas Aquinas SHS came up against Prempeh College at the One-eighth Stage, where the Prempeh team sent them packing back to the Regionals. In 2021, St. Thomas Aquinas SHS met St. Augustine’s College at the One-eighth Stage, where St. Thomas Aquinas SHS were defeated yet again. Coming into the 2022 competition, St. Thomas Aquinas SHS was positive on being seeded this year, alas, they balloted to meet defending champions, Prempeh College, once again. Considering their stellar performance at the Preliminary Stage, and judging from Prempeh College’s not-so-encouraging performance at the Ashanti Regional Championship, St. Thomas Aquinas SHS was predicted by many to win the 9th One-eighth Stage contest. Alas, champions die hard and even though St. Thomas Aquinas SHS put up a good fight, the boys from Prempeh College fought tirelessly to win this contest with 46 points, while St. Thomas Aquinas SHS lost with 40 points.
Assin State College came into the limelight in 2019 when they presented two second year students – Sandra Osei and Johnson Nemaku – who thrashed Aggrey Memorial SHS to make it to the National Championship for the first time. They lost their contest at the Preliminary Stage, but progressed to the One-eighth Stage as one of the highest runners-up, where they met Presbyterian Boys' Secondary School, (PRESEC). Sandra and Johnson gave the boys a run for their money, by taking an early lead, unfortunately, they eventually lost to PRESEC.

Since then, Assin State College had put up impressive performances at the Regional Qualifiers and the Preliminary Stage, but had failed to make it past the One-eighth Stage. However, by some dint of luck and hard work, Assin State College won their One-eighth Stage contest this year, with 31 points, to be seeded for the first time. They came up against Amaniampong SHS, who lost with 30 points and Kanton SHS, who ended with 15 points.

At the end of the Quarter-final Stage, 15 out of 27 schools lost their seeds and would have to start the competition from the regional level in 2023.

The following were the schools that lost their seed:

<table>
<thead>
<tr>
<th>School Name</th>
<th>School Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anglican SHS, Kumasi</td>
<td>Presby SHTS, Aburi</td>
</tr>
<tr>
<td>Bolgateanga SHS</td>
<td>Osei Kyeretwie SHS (first time being seeded)</td>
</tr>
<tr>
<td>Chemu SHS</td>
<td>Osei Tutu SHS</td>
</tr>
<tr>
<td>Kanton SHS</td>
<td>Assin State College (first time being seeded)</td>
</tr>
<tr>
<td>KNUST SHS</td>
<td>Kumasi High School</td>
</tr>
<tr>
<td>Konongo-Odumase SHS</td>
<td>Kumasi Sec. Tech</td>
</tr>
<tr>
<td>Kumasi Academy</td>
<td>Bishop Herman College</td>
</tr>
<tr>
<td>OLA SHS, Ho</td>
<td>Adventist SHS, Bantama (first time being seeded)</td>
</tr>
<tr>
<td>Sogakope SHS</td>
<td>St. Hubert Min. Sem. SHS</td>
</tr>
<tr>
<td>Sonrise Christian School</td>
<td>Presby SHS, Abetifi (first time being seeded)</td>
</tr>
<tr>
<td>St. Louis SHS</td>
<td>Ghanata SHS (first time being seeded)</td>
</tr>
<tr>
<td>St. Peter’s SHS</td>
<td>St. James Sem. SHS (first time being seeded)</td>
</tr>
<tr>
<td>Techiman SHS</td>
<td>Mfantsipim School</td>
</tr>
<tr>
<td>Wesley Girls' High School</td>
<td>Mawuli School</td>
</tr>
</tbody>
</table>

The schools that maintained their seeds were:

- Accra Academy
- Adisadel College
- Ghana National College
- Ghana SHS, Koforidua
- Keta SHTS
- Opoku Ware School
- Pope John Sem. SHS
- Prempeh College
- Presbyterian Boys’ Sec. Sch.
- St. Augustine’s College
- Swedru SHS
- Tamale SHS
Pay less, Browse more!
Enjoy 1GB for GH₵3

Sika KOKOO
Dial *111#
The Quaer-nal Stage came off from October 19 – October 21, 2022 at the Saarah-Mensah Auditorium. At the Quaer-nal Stage, absolute class was exhibited, and even though many schools that were predicted to win did so, they did not have it on a silver platter.

The Quaer-nal contest that got many racked was the first contest that featured Osei Kyeretwie SHS, Presby SHS, Abeti and Ghanata SHS. It was one of the most painful contests to watch, especially for sympathisers of Osei Kyeretwie SHS. Osei Kyeretwie SHS led from the beginning of the contest till the fourth round, where the tables turned in favour of Presby SHS, Abeti, with a one-point margin; and so it remained till the end of the contest. Presby SHS, Abeti won the contest with 51 points, while Osei Kyeretwie SHS followed closely with 50 points. Ghanata SHS finished the race with 36 points.

A trail of three incorrect major answers by Prempeh College in the first round of the 3th Quaer-nal contest got the boys edgy. This affected their performance in the first round of the contest, which saw their closest opponent, Presby SHTS, Aburi, in first place with 24 points.

From the second round, however, Prempeh College got themselves together and gathered momentum to oust their opponents. They won the contest with 47 points, while Presby SHTS, Aburi placed second with 41 points. Mawuli School ended the contest with 32 points.

Adisadel College had been consistent at making it beyond the Quaer-nal Stage of the competition since 2015. Thus, succumbing to the “Lions” of Tamale at the Quaer-nal Stage in 2021 bruised their ego. Coming into the 8th contest, therefore, one thing was for sure; to restore their glory and they did just that. However, winning the contest was a tough one for them. They faced stiff opposition from Assin State College, who dominated the contest till the final round, where Adisadel College answered two riddles correctly to win the contest.

St. Augustine’s College’s splendid performance in the 7th Quaer-nal contest against Ghana National College and Osei Tutu SHS reminded many of the St. Augustine’s College 2019 winning team – Newton, Elias and Joseph. At the end of the first round, Osei Tutu was in the lead, but after the second round where St. Augustine’s College
swept most of the questions. With a good third round, and a clean sheet in the fourth round, St. Augustine’s College had one foot in the Semifinals already. A total of three riddles to their credit in the final round sealed their entry into the next stage of the competition.

You cannot take it away from them; winning is their way! Presbyterian Boys’ Secondary School remains the only school with a back-to-back National Championship title and the highest number of NSMQ trophies. Not only that, but they also have the highest appearances at the Grand Finale. Unlike the other Quarter-final contests, where the winners faced some form of opposition from their contenders, it was smooth-sailing for the Presbyterian Boys. They nailed it right from the get go, to win the contest with 67 points. Their opponents, Accra Academy and Pope John Min. Sem. & SHS, could do little to keep up; they ended the contest with 33 and 26 points respectively.
Semi-final Stage
The three Semi-final contests were held on Sunday, October 23, 2022 at the Saarah-Mensah Auditorium.

The three Semi-final Stage contests were intense. For a number of schools, it was a mission to move to the Final Stage for the very first time, while others needed a slot at the Grand Finale to strengthen their championship titles.

The first Semi-final contest was one of almost equals. All the three schools were impressive, and after the first round, Mfantsipim School was in the lead by a one-point margin against their closest contender, Prempeh College. After the second round, however, things turned around in favour of Prempeh College and they held on to it till the end of the contest. Presby SHS, Abetifi nearly caused an upset, but Prempeh College appeared too tough an opponent to be toppled. Prempeh College won the contest with 49 points, whereas Presby SHS, Abetifi followed with 43 points. Mfantsipim School placed third in the contest with 41 points.

In the second semi-final contest between St. James Seminary, Kumasi High School and Presbyterian Boys' Secondary School, the first round seemed to be going the way of St. James Sem SHS, but that did not deter the PRESEC boys. Round after round, Presbyterian Boys' Secondary School reminded their opponents that they were the “big boys;” they won the contest with 51 points. St. James Sem SHS and Kumasi High School, on the other hand, lost with 35 and eight (8) points respectively.

The last Semi-final contest was an absolute thrill! This was a contest of champions that featured Opoku Ware School; two-time champions of the NSMQ and reigning Ashanti Regional Champions, St. Augustine’s College; two-time champions of the NSMQ and Adisadel College; one-time champions of the NSMQ and reigning champions of the Central Region. After five rounds of an exciting contest, Adisadel College won the contest with 45 points, to make their sixth appearance at the Grand Finale.

The Grand Finale
For the past couple of months, 512 schools have been exhibiting their intellectual prowess from the Regional Qualifiers of the 2022 edition of the NSMQ, in the quest for the title of National Champions. In total, 186 contests have been held from the Regionals till this Grand Finale of the competition, where the last three schools standing – Prempeh College, Presbyterian Boys’ Secondary School and Adisadel College - will face off in a contest that promises to be thrilling by all accounts, for the honour of their schools and the bragging rights as the champions of the National Science & Maths Quiz.
Prempeh College won the contest with 46 points, while St. Thomas Aquinas SHS and Ofori Panin SHS lost with 40 and 25 points respectively.

Just like their One-eighth Stage contest, their Quarter-final contest was hard-hitting. Their contenders – Presby SHTS, Aburi and Mawuli School – matched them on almost equal ground, but eventually, Prempeh College won with 47 points. Presby SHTS, Aburi and Mawuli School ended with 41 and 32 points respectively.

Their Semi-final contest was thrilling! It was a good contest that saw all three competing schools – Prempeh College, Presby SHTS, Abeti and Mfantsipim School – giving of their best performance. The first round saw Mfantsipim School in the lead, however, they could not hold on to that. Slowly and steadily, Prempeh College “stole” their way to the top; and that was how Prempeh College booked a seat at Grand Finale once again.

**Prizes**
Prempeh College won the Prudential Life NSMQ Star at the Semi-final Stage.

---

**Prempeh College – Reigning Champions**
Prempeh College is located in Kumasi in the Ashanti Region of Ghana and are the defending champions of the 2022 edition of the National Championship. With six appearances at the Grand Finale of the National Championship, and five NSMQ National Championship trophies to boast of, Prempeh College becomes the school with the second highest number of NSMQ wins, after Presbyterian Boys’ Secondary School. Prempeh College was the first school to win the NSMQ in 1994. Subsequently, they won the National Championship in 1996, 2015 2017 and 2021. Prempeh College is also one of the only two schools who have never lost their seeded position at the National Championship.

**Their journey to the Grand Finale**
Prempeh College met St. Thomas Aquinas SHS and Ofori Panin SHS at the One-eighth Stage, where Prempeh College won the contest, but with strong opposition from St. Thomas Aquinas SHS.
Presbyterian Boys' Secondary School – 1st runners-up (NSMQ 2021)

Presbyterian Boys’ Secondary School, located in the Greater Accra Region, placed second at the 2021 edition of the NSMQ. With six NSMQ wins, Presbyterian Boys’ Secondary School brags of the highest number of NSMQ championship titles. They are also the only school to have won the title two consecutive times. In addition, Presbyterian Boys’ Secondary School are the reigning champions of the Greater Accra Region. They were also crowned Regional Champions in 2021, as well as in 2020.

This is Presbyterian Boys' Secondary School's 11th appearance at the Grand Finale.

Their journey to the Grand Finale

As a seeded school, Presbyterian Boys' Secondary School started their journey from the One-eighth Stage, where they competed with Asanteman SHS and Shama SHS. As the reigning champions of the Western Zone, Shama SHS were tipped by many to give Presbyterian Boys' Secondary School a hard time, however, Shama SHS was practically lost in the game. On the contrary, it was Asanteman SHS, who gave the Christian Gentleman a good race. Presbyterian Boys’ Secondary School won the contest with 54 points, while Asanteman SHS and Shama SHS followed with 45 and 14 points respectively.

At the Quarter-final Stage, Presbyterian Boys’ Secondary School competed with Accra Academy and Pope John Min. Sem. & SHS. Unlike their One-eighth Stage contest, Presbyterian Boys’ Secondary School had no challenge winning the Quarter-final contest. It ended with PRESEC in the lead with 67 points, while Accra Academy and Pope John Min. Sem. & SHS scored 33 and 26 points respectively.

Presbyterian Boys’ Secondary School won their Semi-final Stage contest against St. James Seminary SHS and Kumasi High School, to make it to the Grand Finale a fourth consecutive time. It was not much trouble for PRESEC, regardless of the opposition they faced from St. James Sem. SHS.

Prizes

Presbyterian Boys Secondary School won the Prudential Life NSMQ Star at the One-eighth Stage and the Quarter-Final Stage. They also won the AirtelTigo Highest Scorer Award at the Quarter-final and Semi-final stages.
Adisadel College
Adisadel College is located in Cape Coast in the Central Region. They have one National Championship title to their credit – 2016 – and have been to the Finals five times, with this being their sixth appearance. Adisadel College is the reigning champion of the Central Region, and they hold the record of making it to the Grand Finale four successive times – 2015, 2016, 2017 and 2018.

Their Journey to the Grand Finale
Adisadel College joined the race from the One-eighth Stage, where they met Koforidua Sec. Tech. and Acherensua SHS. This was a pretty easy contest for Adisadel College, as they practically “bullied” their opponents. Adisadel College exhibited command over the contest and sailed through to the Quaer-nal Stage with a 22-point margin against their closest contender, Koforidua Sec. Tech. who scored 30 points. Acherensua SHS managed to go home with one point only.

Unlike in their One-eighth Stage contest, Adisadel College did not have it easy in their Quarter-final contest. They faced stiff opposition from Assin State College and Swedru SHS, both of whom put in their all to also progress to the next stage. At the end of the day, Adisadel College only just made it with 31 points. Assin State College and Swedru SHS, on the other hand, lost with 29 and 24 points respectively.

No one placed their bet on Adisadel College, as Opoku Ware School took an early lead in the 3rd Semi-final Stage contest. However, Adisadel College crept in slowly from the corners and devoured their opponents in grand style. Definitely, Opoku Ware School did not anticipate this. Adisadel College booked their slot at the Grand Finale with 45 points. Opoku Ware School and St. Augustine’s College ended the contest with 33 and 22 points respectively.
Every year, some schools stand out among their peers and leave a lasting impression on NSMQ enthusiasts. This usually comes in the form of “lesser-known” schools ousting bigwigs, putting up incredibly spectacular performances, or giving big schools a tough time. The 2022 edition of the NSMQ brought to the limelight a new set of schools, who would not be forgotten anytime soon.

**Impressive Runs**

**Assin State College**

Their journey at the National Championship did not end after losing their One-eighth Stage contest to St. James Sem. SHS. Losing with 40 points earned them a slot at the One-eighth Stage as one of the 15 top runners-up; another instance that showed how second chances turn the fortunes of schools around.

Assin State College had been striving for the past couple of years, since their first appearance at the National Championship, to be seeded. Fortunately, luck smiled on them this year as they beat their opponents, Amaniampong SHS and Kanton SHS at the One-eighth Stage. Going into the Quarter-final Stage, they had little hope of progressing to the Semi-final Stage. One of their former students mentioned that being seeded was more than enough for them. They probably underestimated their strength, considering how well they performed in their Quarter-final Stage contest against Adisadel College and Swedru SHS. Assin State College started the contest in the lead, however, going into the final rounds, they rested on their oars, leaving Adisadel College to win the contest with 31 points. Assin State College lost with 29 points, while Swedru SHS scored 24 points.

**Presby SHS, Abetifi**

This is a school that found itself in unchartered waters, as a semi-finalist in this year’s competition. Even though Presby SHS, Abetifi performed exceptionally well at the Regional Qualifiers, a quick survey around showed that not many expected them to make it to the Semi-final Stage.

Presby SHS, Abetifi’s performance was nothing short of spectacular, right from the Preliminary Stage of the competition; they won all their contests with nothing less than 50 points. At the Preliminary Stage, they met Acherensua SHS and Kalpohin SHS, where they won with 53 points. At the One-eighth Stage, Presby SHS, Abetifi competed with Sonrise Christian High School and Kumasi Wesley Girls’ High School, where they emerged victorious with another impressive score of 50 points. Their toughest match was the Quarter-final contest where they competed with Osei Kyeretwie SHS and Ghanata SHS. These two opponents knew their stuff, hence gave Presby SHS, Abetifi a tight race. As luck would have it, Presby SHS, Abetifi won the contest with 51 points.

At the Semi-final Stage, Presby SHS Abetifi competed with Mfantsipim School and Prempeh College, and even though they lost to Prempeh College, Presby SHS, Abetifi won the hearts of many with an impressive run and a score 43.
Osei Kyeretwie SHS
Osei Kyeretwie SHS lost their Qualifier contest to Kumasi High School at the 2022 Ashanti Regional Qualifiers, however, they made it to the National Championship as one of the nine top runners-up who were invited to join the race. Of the nine top runners-up, Osei Kyeretwie SHS proved that everyone deserved a second chance; they put up impressive performances at the various stages of the National Championship, and eventually got seeded for the first time.

At the Preliminary Stage of the National Championship, Osei Kyeretwie SHS competed with Krachi SHS and T.I. AMASS, Potsin, and this was practically no contest for Osei Kyeretwie SHS, as they won the contest effortlessly with 61 points. At the One-eighth Stage, they came up against Yaa Asantewaa Girls’ SHS and Bolgatanga SHS, and just as in their Preliminary Stage contest, they sailed through it smoothly. Ironically, their most impressive run was their Quarter-final contest, which they lost. They gave of their best performance to make it to the next stage, however, it was not enough to beat the six-time champions, Presbyterian Boys’ Secondary School.

St. James Seminary SHS
St. James Seminary SHS is one of the best schools in the Bono-Ahafo Zone, however, when it comes to the NSMQ, they have little history. This year, however, they were bent on leaving a mark in the history books of the NSMQ. St. James Seminary SHS started their campaign from the Regional Qualifiers, where they recorded the highest winning score in the Zone. To add to this feat, they emerged winners of the 2022 edition of the Bono-Ahafo Zonal Championship.

At the Preliminary Stage of the National Championship, St. James Seminary SHS competed with Assin State College and Bongo SHS, where St. James exhibited mastery over the questions. Not only did they nail their questions, but they also picked almost all the bonus questions in the first round. They were just impressive, regardless of the somehow stiff opposition they faced from Assin State College. St. James Sem. SHS won the contest with 60 points, while Assin State College placed second, with 40 points. Bongo SHS, on the other hand, came in third with 11 points.

With that convincing win at the One-eighth Stage, St. James Sem. SHS became one of the topics of discussion by NSMQ enthusiasts, especially after the One-eighth Stage balloting, where St. James Sem. SHS were pit against St. Peter’s SHS, three-time champions of the National Championship, and reigning champions of the Eastern Region. Many believed it was going to be a tough contest between the two schools, however, only a few predicted a win for St. James Sem. SHS. It, therefore, came as a shock to many when St. Peter’s SHS could not match up to the team from St. James Sem. SHS. St. James Sem, SHS won their One-eighth contest to be seeded for the first time.

After their victorious battle with St. Peter’s SHS, their Quarter-final contest was a facile victory; St. James Sem. SHS dominated the 4th Quarter-final contest right from the get-go. Their opponents, Ghana SHS, koforidua and Kumasi Sec. Tech could do little to keep up with the pace of their opponent.

In the Semi-final contest, St. James Sem. SHS came up against Kumasi High School and Presbyterian Boys’ Secondary School, and this was where their journey ended. They gave of their best performance to make it to the next stage, however, it was not enough to beat the six-time champions, Presbyterian Boys’ Secondary School.

Osei Kyeretwie SHS
Osei Kyeretwie SHS lost their Qualifier contest to Kumasi High School at the 2022 Ashanti Regional Qualifiers, however, they made it to the National Championship as one of the nine top runners-up who were invited to join the race. Of the nine top runners-up, Osei Kyeretwie SHS proved that everyone deserved a second chance; they put up impressive performances at the various stages of the National Championship, and eventually got seeded for the first time.

At the Preliminary Stage, they competed with Krachi SHS and T.I. AMASS, Potsin, and this was practically no contest for Osei Kyeretwie SHS, as they won the contest effortlessly with 61 points. At the One-eighth Stage, they came up against Yaa Asantewaa Girls’ SHS and Bolgatanga SHS, and just as in their Preliminary Stage contest, they sailed through it smoothly. Ironically, their most impressive run was their Quarter-final contest, which they lost. They competed with Presby SHS, Abetifi and Ghanata SHS, one of the keenest contests at the Quarter-final Stage. Considering Osei Kyeretwie’s dominance in the second and third rounds, almost everyone was sure they would win the contest. Unfortunately for them, Presby SHS, Abetifi were a tad too strong for them: Presby SHS, Abetifi won the contest by a one-point margin.
NOURISHMENT FOR YOU
GO FOR IT

This advert is FDA approved.
Since 2006, Prof. Elsie Effah Kaufmann has been the Quiz Mistress, fueled by her keen interest in science education at all levels. She is an Associate Professor and founding Head of the Department of Biomedical Engineering, University of Ghana and Founding Head of the Department of Orthotics and Prosthetics at the University of Health and Allied Sciences. Prof. Effah Kaufmann is currently the Dean of the School of Engineering Sciences at the University of Ghana.

She holds a Bachelor of Science in Engineering (BSE, Cum Laude), a Master of Science in Engineering (MSE) and a PhD in Bioengineering, all from the University of Pennsylvania, USA. After her graduate studies, she received her postdoctoral training at Rutgers University, before joining the University of Ghana in 2001.

Prof. Effah Kaufmann's teaching and research focuses on Tissue Engineering, Biomaterials and the application of Biomedical Engineering concepts to the solution of problems in the Ghanaian context.

Prof. Elsie Effah Kaufmann moderated the quiz from the Quarter-final Stage.

Dr. Thelma Ohene-Agyei is currently a senior lecturer at the Department of Pharmacy Practice and Clinical Pharmacy, University of Ghana, Legon where she doubles as the Examinations Officer. Her research interests include issues of Global health, Pharmacotherapy of Infectious diseases and antimicrobial resistance.

She graduated with B. Pharm (Pharmacy) and M. Phil (Pharmacology) degrees from the Kwame Nkrumah University of Science & Technology, Kumasi, Ghana. She also has a PhD in Pharmacology from the University of Cambridge, UK.

Dr. Ohene-Agyei moderated contests at the Preliminary and One-eighth stages.
Dr. Anita Oppong is a lecturer at the Department of Chemistry at the University of Ghana, Legon. She is a Synthetic Organic Chemist, and her area of focus is synthesis of small molecules and development of methods and catalysts for synthesis. Her recent interest is in Drug Discovery and Identification of Blue emitters for OLEDs. Dr. Oppong had her first and second degrees in Chemistry, both at the University of Ghana, Legon, and a Ph.D. also in Chemistry from the University of Rhode Island, USA.

She was a member of the 2005 Ghana National College NSMQ team, and as a Quiz Mistress, Dr. Oppong sees this platform as an opportunity to inspire students, especially the girls, to aim beyond the sky and not see Science as the difficult subject it is often perceived to be. She is a Facilitator for Smart Gils’ Club, a vacation science club organised for girls in basic schools.

Dr. Oppong joined the team of NSMQ Quiz moderators in 2020. She moderated contests at the Preliminary Stage.

Mrs. Gladys Odey Schwinger recently completed a PhD in Environmental Science at the University of Ghana, Legon. She was an Assistant Lecturer with the Department of Plant and Environmental Biology (formally Botany) at the University of Ghana, Legon. Mrs. Schwinger holds a Bachelor of Science and a Master of Philosophy degrees in Botany from the University of Ghana. She is a Plant Taxonomist focusing on the sustainable use of biological resources to ensure their conservation, especially of medicinal plant species using bioinformatics.

Her current research interests include ecological niche modelling, phytochemistry, biogeography, and microbial susceptibility to Ghanaian medicinal plants. She hopes to contribute to the knowledge of indigenous plant species and inform policy on plant conservation in Ghana and Africa.

Mrs. Schwinger is a certified trainer and mentor with the Global Biodiversity Information Facility (GBIF) and has trained and mentored GBIF project participants in Africa and the Caribbean.

It is her belief that learning should never end and every life event is a potential learning opportunity. Her passion is to help upcoming generations to appreciate the importance of plants to our general wellbeing as a people.

Mrs. Schwinger moderated contests at the Preliminary and One-eighth stages.
Prof. Effah Kaufmann is the chairperson of the moderation team, and she is supported by a team of consultants, made up of Dr. Douglass Adu-Gyamfi (Maths and Chief Consultant), Dr. Ebenezer Owusu (Biology Consultant), Dr. Amos Kuditcher (Physics Consultant) and Dr. Enock Dankyi (Chemistry Consultant), all of the University of Ghana, Legon.

Consultants of the NSMQ
For close to three decades, you dedicated your time to helping grow the NSMQ
Your questions, the students loved
The teachers, you challenged to read wide
From bonding to intermolecular forces
From physical changes to chemical changes
From enthalpy to entropy
From periodicity to atomic structure

You did not relent in your efforts to make Chemistry exciting to the students
You provided guidance to teachers through the NSMQ
You exuded knowledge in all areas of Chemistry
You were tolerant, and the patience with which you handled protests was admirable
You were diligent in the execution of your duties
You were absolutely hard working
You are affable, which made it easy to work with you

We greatly appreciate the integral role you played in the growth of the NSMQ
We deeply value your insights and leadership
We very much cherish your continued interest in the NSMQ
We cannot thank you enough for your outstanding contribution to the growth and success of the NSMQ
We will miss you, and your “beautiful” questions

Prof. William Afiakwa Asomaning, thank you very much for your dedicated service as the Chemistry Consultant of the NSMQ from 1993 – 2021
Counselling of Participating Contingents

The services of eight psychologists from the KNUST Counselling Centre were employed from the Quarter-final Stage to mentally prepare contestants, as well as their teachers before and after their contests. This was to ease the pressure mounted on the contestants before a contest, and the effect of a loss at the end of a contest. The team of psychologists for the 2022 edition of the NSMQ was led by Mrs. Victoria De-Graft Adjei, Head of Counselling Centre at KNUST. The other team members were:

1. Ms. Akua Afriyie Addae, Clinical Psychologist
2. Mr. Rabbi Darko, Counselling Psychologist
3. Mr. Joseph Asamoah-Gyawu, Counselling Psychologist
4. Mr. Gilbert Konwie Langu, Counselling Psychologist
5. Dr. Elizabeth Anokyewaa Sarfo Fordjour, Clinical Psychologist
6. Rev. Fr. Dr. Stephen Jantuah, Counselling Psychologist
7. Ms. Abigail Adomako, Counselling Psychologist
Educating future-ready leaders

As a parent or guardian, making the best educational decision for your child can be overwhelming at times, and it is frequently fraught with difficulties. For students, the prospect of beginning a university education, adapting to a new learning style, and making new friends can be a frightening prospect.

Academic City, Ghana’s premium STEAM (Science, Technology, Engineering, Arts, and Mathematics) and entrepreneurial university, is one that cannot be overlooked when searching for a university with innovative programmes that prepare students for future jobs and an ideal environment that enables students to adapt seamlessly. The university is committed to championing the cause of transformative and pragmatic STEAM education throughout Africa.

Unique Teaching and Learning Approach

In creating an environment where students can express themselves academically, emotionally, innovatively, and creatively, Academic City has adopted a project-based curriculum supported by four distinct learning pillars (Experiential, Unified, Extensional, and Contextual). This will contribute significantly to the development of future-ready leaders capable of critical thinking and inspiring others to take positive action in their own lives and communities.

Innovative Programmes

Academic City recently became Africa’s first university to offer degrees in artificial intelligence and robotics engineering as part of the university’s efforts to improve technology and innovation education in Africa. Three new programmes have recently been added: the BSc in Biomedical Engineering, the BSc in Industrial and Systems Engineering, and the BBA in Entrepreneurship.

Business Administration, Information Technology and Communication Arts are among the elite undergraduate degree programmes offered by the university. These programmes are carefully and strategically designed with world-class STEM education in mind to help students become more practical, hands-on, and productive.

World-Class Campus

Academic City’s fully digitized, cutting-edge campus is located in Haatso, Ghana, a suburb of Accra. It has an international academic community of students, faculty, and staff. The ultra-modern campus has small class sizes and a focus on one-on-one attention. The university has one of the best-equipped STEM workshops in Africa, outfitted with real industry machinery and equipment to give students firsthand experience with how these machines work.

Since its inception, Academic City has proven its resolve to change the narrative for higher education in Africa and is committed to providing the best education attainable anywhere in the world.

www.acity.edu.gh
Every participant of the NSMQ is likely to win one prize, or other at each stage of the competition and whether they win their contest, or not. This is to ensure that all the participating schools get to walk away with something, regardless of the stage they exit from the competition. Below are the main prizes of the 2022 edition of the National Championship:

The winning school will take home a total cash prize of GH¢30,000.

The team would also be presented with the custom-made trophy and seven gold medals for the three contestants and four subject teachers (Biology, Chemistry, Physics and Maths). The team would be given a miniature of the trophy for keeps when the main trophy is returned.

The second-placed school will take home a total cash prize of GH¢20,000.

The team would also be presented with seven silver medals for the three contestants and four subject teachers (Biology, Chemistry, Physics and Maths).

The third-placed school will receive a total cash prize of GH¢15,000.

The team would also be presented with seven bronze medals for the three contestants and four subject teachers (Biology, Chemistry, Physics and Maths).

Prizes to Semifinalists
All six semifinalists who could not progress to the Grand Finale received a prize package of GH¢8,000, to be shared as follows:

- School: GH¢3,000
- Contestants: GH¢2,500
- Teachers: GH¢2,500

Special Awards
Apart from the main prizes, the NSMQ also rewards the students who prove themselves to be the most outstanding at the end of the day. For this reason, special prizes are awarded to individuals and teams who have made an impression in the competition. We would thus reward students and teams who have proved themselves worthy of the following awards:

1. Absa Special Award for Excellence: This award was instituted 2020 in recognition of the excellent performance of the three finalists throughout the various stages of the competition and is set up as follows:

<table>
<thead>
<tr>
<th>Place</th>
<th>Prize</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>GH¢40,000.00</td>
</tr>
<tr>
<td></td>
<td>To be shared as follows:</td>
</tr>
<tr>
<td></td>
<td>• Contestants: GH¢20,000</td>
</tr>
<tr>
<td></td>
<td>• Teachers: GH¢20,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Place</th>
<th>Prize</th>
</tr>
</thead>
<tbody>
<tr>
<td>2nd</td>
<td>GH¢30,000.00</td>
</tr>
<tr>
<td></td>
<td>To be shared as follows:</td>
</tr>
<tr>
<td></td>
<td>• Contestants: GH¢15,000</td>
</tr>
<tr>
<td></td>
<td>• Teachers: GH¢15,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Place</th>
<th>Prize</th>
</tr>
</thead>
<tbody>
<tr>
<td>3rd</td>
<td>GH¢20,000.00</td>
</tr>
<tr>
<td></td>
<td>To be shared as follows:</td>
</tr>
<tr>
<td></td>
<td>• Contestants: GH¢10,000</td>
</tr>
<tr>
<td></td>
<td>• Teachers: GH¢10,000</td>
</tr>
</tbody>
</table>
1. **Dr. Kwaku Mensa-Bonsu Award for the Most Impressive Run**: This award was introduced to reward the “less-endowed” school that goes the farthest, or causes the biggest upset and is able to reach the Quarterfinal Round, at the very least, of the competition. This award, worth a cash prize of GH¢7000, aims to encourage the less-endowed schools to excel at the competition. The winner of this award for NSMQ 2022 is Assin State College.

2. **The Jacob and Elizabeth Banful Memorial Award for the Most Impressive Run**: This award, instituted by the Banful Family in memory of their parents, who were teachers, aims to reward the teachers of the team from the less-endowed school that wins the award for the Most Impressive Run. This award is a cash prize of GH¢10,000. The winner of this award for NSMQ 2022 is Assin State College.

3. **Prof. Henrietta Mensa-Bonsu Award for the Most Outstanding Female Contestant**: A cash prize of GH¢5000, will be up for grabs by a female contestant(s) deemed excellent at the 2021 edition of the NSMQ. The winner of this award for NSMQ 2022 is Afua Doe-Kinii of Mawuli School.

4. **Professor Marian Ewurama Addy Award for the Best Team**: This award was instituted in 2015 by Mr. Bubune Adih, a contestant of the Mfantsipim 1999 team, winners of NSMQ 1999, to encourage teamwork among the contestants. The award, worth GH¢5000 and would go to the best team.

5. **Newmont Ghana Award for Best Performing Girls’ School**: This award is a cash prize of GH¢20,000.00 to the best performing Girls’ School in the competition.

6. **Newmont Ghana Golden Journey Award for Best Performing School from a Deprived Community**: This award, which is worth a cash prize of GH¢20,000.00, seeks to reward the best performing school from a deprived community. The winner of this award for NSMQ 2022 is Presby SHS, Abeti.

7. **Dano Inner Strength Award**: This award goes to a less-endowed school that goes the farthest in the competition. This award is a GH¢5,000.00 worth of Dano products. The winner of this award for NSMQ 2022 is Assin State College.

8. **Zipline Ghana**: Zipline Ghana would offer the contestants from the best-less endowed school a four-week paid internship at the Zipline Academy, where they would receive practical training on Zipline’s operations. The winner of this award for NSMQ 2022 is Assin State College.

### Other Prizes

**The Money Zone**, sponsored by Absa Bank Ghana took effect from the Quarter-final Stage. For the Money Zone, scores schools accrue during the contest are converted to cash and presented to them as a prize for their efforts. Below is the format of the Money Zone:

- At the Quarter-final stage, final scores for each school would be multiplied by GH¢10.00
- At the Semi-final stage, final scores for each school would be multiplied by GH¢15.00
- At the Grand Finale, final scores for each school would be multiplied by GH¢25.00

**Prudential Life NSMQ Star**

The **Prudential Life Insurance NSMQ Star** was introduced in 2019 to reward teams that achieve a perfect score of ten (10) in the third round of the competition – the Problem of the Day.

The value of the star increases as the competition progresses through its various stages. The objective of this initiative is to reward the teams who, although do well, specifically in the third round, may leave the competition by virtue of losing their contests at the early stages, where there is no real recompense, as compared to the Quarterfinal Stage and beyond. This is the setup of the **NSMQ Star**:

- One star is worth GH¢2000.00; GHS500.00 to each of the three contestants and their teacher at the Preliminary Stage.
- One star is worth GH¢2400.00; GHS600 each to the three contestants and their teacher at the One-eighth Stage.
- One star is worth GH¢2800.00; GHS700.00 each to the three contestants and their teacher at the Quarter-final Stage.
One star is worth GH₵3400.00; GHS850.00 to each of the three contestants and their teacher at the Semi-final Stage.

One star is worth GH₵4000.00; GHS1000.00 to each of the three contestants and their teacher at the Final Stage.

When a school gets three perfect scores, which translates to three stars, the team would get GH₵1500.00 in addition to the prize worth of the NSMQ Star at that stage of the competition. This would also apply to the fourth and fifth stars.

These are the schools that won the Prudential Life Insurance Star from the Preliminary to the Semi-final stages.

**Preliminary Stage**
1. Adventist SHS, Bantama  
2. Akontombra SHS  
3. Anlo SHS  
4. Apam SHS  
5. Awudome SHS  
6. Bishop Herman College  
7. Eguafo-Abrem SHS  
8. Ghanata SHS  
9. Krobo Girls’ SHS  
10. Kumasi High School  
11. Mfantsipim School  
12. Odorgonno SHS  
13. Salaga SHS  
14. SDA SHS, Bekwai  
15. St Mary’s SHS, Accra  
16. St. James Seminary SHS

**One-eighth Stage**
1. Accra Academy  
2. Achimota School  
3. Adu Gyamfi SHS  
4. Asanteman SHS  
5. Bishop Herman College  
6. Keta SHTS  
7. Nungua SHS  
8. Presby SHTS, Aburi  
9. Presbyterian Boys’ Secondary School  
10. St. Augustine’s College  
11. Tamale Islamic Science SHS  
12. University Practice SHS

**Quarter-final Stage**
1. Presbyterian Boys’ Secondary School

**Semi-final Stage**
1. Prempeh College  
2. Presby SHS, Abetifi  
3. Mfantsipim School

**AirtelTigo Highest Scorer of the Day**
The AirtelTigo Highest Scorer of the Day Award was introduced in 2020 to reward the school with the highest score among all winning schools on each competition day. These are the prize packages at the various stages of the competition:

- **Preliminary Stage**  
  - GH₵1,000.00

- **One-eighth Stage**  
  - GH₵2,000.00

- **Quarter-final Stage**  
  - GH₵3,000.00

- **Semi-final Stage**  
  - GH₵5,000.00

- **Final Stage**  
  - GH₵10,000.00

Below were the winners of the AirtelTigo Highest Scorer of the Day from the Preliminary Stage:

**Preliminary Stage**
1. Awudome SHS  
3. Osei Kyeretwie SHS  
4. St Thomas Aquinas SHS

**One-eighth Stage**
1. Accra Academy  
2. Mawuli School  
3. Opoku Ware School  
4. St. James Seminary SHS

**Quarter-final Stage**
1. Abetifi Presby SHS  
2. Mfantsipim School  
3. Presbyterian Boys’ Secondary School  
4. St. Augustine’s College

**Semi-final Stage**
1. Presbyterian Boys’ Secondary School
Redefining Medical Education At ACM
A Great Learning Experience

• State-of-the-art Facilities
• Cutting-edge Educational Technology like Anatomage Table & Plastinated Specimens for teaching
• Experienced Faculty
• Small class sizes

Undergraduate & Graduate Entry

At ACM, we offer both Undergraduate entry for qualifying students straight out of Secondary School and Graduate entry for qualifying students who have a Bachelors Degree in a science-related subject.

For Enquiries
Tel: +233 (0) 30 396 1788 / +233 (0) 30 396 7477
Admissions: +233 (0) 50 158 0578
Email: info@acm.edu.gh
Website: www.acm.edu.gh
Location: Magnolia Street, East Legon, Accra-Ghana

Enroll Now

AFFILIATED TO THE UNIVERSITY OF GHANA, ACCREDITED BY GHANA TERTIARY EDUCATION COMMISSION & THE MEDICAL AND DENTAL COUNCIL
GOIL Riddle Bonanza
The GOIL Riddle Bonanza rewards a school that answers three, or four riddles correctly, with the prize increasing at each stage of the competition. This is the breakdown of the prize packages at each stage of the competition:

1. **Preliminary Stage** – Three correct riddles (GH₵800) & four correct riddles (GH₵1,200)

2. **One-eighth Stage** – Three correct riddles (GH₵1,200) & four correct riddles (GH₵1,600)

3. **Quarter-final Stage** – Three correct riddles (GH₵1,600) & four correct riddles (GH₵2,000)

4. **Semi-final Stage** – Three correct riddles (GH₵2,000) & four correct riddles (GH₵2,400)

5. **Final Stage** – Three correct riddles (GH₵2,400) & four correct riddles (GH₵3,200)

Below are the recipients of the prize from the Preliminary Stage:

**Preliminary Stage**
1. Adventist SHS, Bantama (answered three riddles correctly)
2. Amaniampong SHS (answered three riddles correctly)
3. Apam SHS (answered three riddles correctly)
4. Bishop Herman College (answered three riddles correctly)
5. Krobo Girls’ SHS (answered three riddles correctly)
6. Mfantsipim School (answered three riddles correctly)
7. Nandom SHS (answered three riddles correctly)
8. Osei Kyeretwie SHS (answered three riddles correctly)
9. Osei Tutu SHS (answered three riddles correctly)
10. Sakafia Islamic SHS (answered three riddles correctly)
11. St Thomas Aquinas SHS (answered four riddles correctly)
12. Tamale Islamic Science SHS (answered three riddles correctly)
13. University Practice SHS (answered three riddles correctly)

**One-eighth Stage**
1. Adventist SHS, Bantama (answered three riddles correctly)
2. Keta SHTS (answered three riddles correctly)
3. Presby SHS, Abetifi (answered three riddles correctly)
4. St. Thomas Aquinas SHS (answered three riddles correctly)

**Quarter-final Stage**
1. Aburi Presby SHTS (answered three riddles correctly)
2. Opoku Ware School (answered four riddles correctly)
3. St. Augustine’s College (answered three riddles correctly)
4. St. James Seminary SHS (answered three riddles correctly)
Academic Scholarships
These are the academic scholarships that would be available for the contestants of the 2022 edition of the National Championship:

**Accra College of Medicine** would offer a full medical scholarship worth $75,000.00 (for all six years of study) to any member of the nine teams that would compete at the Semi-final Stage of the competition.

**Academic City University College** would offer any member of the nine teams that would compete at the Semi-final Stage of the competition a scholarship package worth a total of $40,000.00 to read any of its Engineering courses.

The package would cover:
- Tuition
- Feeding
- Accommodation
- Laptop
- Monthly allowance
- Transportation to and from the house to campus (for two years)

**GNPC Scholarship:** The Ghana National Petroleum Corporation (GNPC) will offer five (5) full scholarships to five outstanding contestants to study a science-related programme in any Ghanaian University.

---

Semi-finalists’ Presentations

- **PRESBY SHS, ABETIFI**
- **ST. AUGUSTINE’S COLLEGE**
- **ST. JAMES SEMINARY SHS**
- **MFANTSIPIM SCHOOL**
- **KUMASI HIGH SCHOOL**
- **OPOKU WARE SCHOOL**
Message from the 2021 Finalists to the 2022 Finalists

Eden Nana Obeng Kyei – Member of the NSMQ 2021 Prempeh College winning team

“It takes a lot of self-discipline, sacrifice and hard work to get to where you are now, so I will admonish you to keep on setting bigger goals for yourself. Never give up. You can do this!”

Evans Oppong – Member of the NSMQ 2021 Prempeh College winning team

“Stay focused! Be confident! Be hell-bent on delivering your best performance yet! I wish you the very best.”

Abdul Majeed Abdulla – Member of the NSMQ 2021 Prempeh College winning team

“You have spent several years training for this moment, and my little advice to you is to remain composed, just as you were in your previous contests that saw you here. I wish you well.”

Francisca Lamini – Member of the NSMQ 2021 Keta SHTS (third place) team

“Nothing is impossible; you all have an equal chance at winning the trophy. According to Audrey Hepburn, ‘Nothing is impossible. The word itself says I’m possible.’”

James Lutterodt – Member of the NSMQ 2021 Keta SHTS (third place) team

“This is probably the last time you are going to mount the NSMQ stage; make the best of it. Never be complacent; never underestimate your opponent. On this ultimate platform, anything can happen, so do prepare for that.”

Henry Otumfuo – Member of the NSMQ 2021 Presbyterian Boys’ Secondary School (second place) team

“It is a game for anyone, so do not feel overhyped; be ready for any surprises. Take all the chances that come your way and never forget the advice your coaches gave you.”

Prince Debrah – Member of the NSMQ 2021 Presbyterian Boys’ Secondary School team

“It’s been a thrilling season of the NSMQ, and all of you should be very proud of what you have overcome to reach this point. Regardless of the obstacles that might be in your way at the Grand Finale, try to not miss the beauty of the game. Look into the crowd, smile, laugh, ‘soak’ the jama and enjoy your own beautiful performance. All the best.”
FINALISTS
PAY THE SMART WAY WITH GOCard
The new curriculum promotes Science, Technology, Engineering and Mathematics (STEM) education, to equip learners with 21st century skills for economic transformation.