casme
40Th
ANNIVERSARY
1985 - 2025

A YEAR OF PROGRESS, A FUTURE OF PROMISE.

ANNUAL REPORT

2024

+27 31 826 2508
www.casme. org.za
info@casme.org.za

Table of Contents

Introduction

A Year of Impact and Resilience

We are proud to share the 2024 journey, achievements and milestones that have brought us closer to realizing our mission of providing quality teacher professional development opportunities for Mathematics and science education in under-resourced and rural schools in South Africa. In a time of challenges and opportunities, your support has allowed us to make a tangible difference in the lives of Mathematics and Science educators and learners in our beautiful country.

This annual report provides a comprehensive look at how we turned your generosity into action. From our main stream projects to our evidence-based Science2go projects, we are thrilled to showcase the strides we've made together.

In this report, you'll find inter-alia:

- Stories of Impact: Narratives that demonstrate the transformative power of our programs.
- Key Milestones: Celebrations of progress and achievements made possible by our supporters.
- A Vision for the Future: Our goals and aspirations as we continue to work towards changing learners' lives through quality and innovative Mathematics and science education.

None of this would have been possible without our supportive funders, STEM educators, committed learners and dedicated CASME staff. Thank you for believing in our vision and joining us on a journey to improve STEM learning outcomes in our country.

Message from the Chairperson of the Board of Trustees

Dear Partners and Stakeholders

The contribution of non-governmental organisations and stakeholders in achieving Sustainable Development Goal 4—ensuring inclusive, equitable, and high-quality education with a focus on equity and inclusion—cannot be overstated. We live in a world marked by volatility, uncertainty, complexity, and ambiguity (VUCA)[1], and South Africa, as part of the global community, faces significant political, social, and economic challenges. Nationally, the persistent "triple challenge" of inequality, poverty, and unemployment remains a pressing concern.

At the heart of addressing these challenges is education—particularly in mathematics and science. Strengthening learners' competencies in these critical subjects from an early age is essential for driving sustainable development and economic growth. Within this context, the **Centre for the Advancement of Science and Mathematics Education (CASME)** continues to play a pivotal role in supporting under-resourced and rural schools by providing high-quality professional development for mathematics and science educators.

At CASME, we believe in the transformative power of collaboration and the resilience of communities working together for meaningful change. Through the unwavering dedication of our team and the generosity of our funders, we have successfully implemented **four impactful Science2Go projects and two mainstream STEM teacher development initiatives.** Whether through these projects or our broader efforts, our focus remains on equipping educators with the resources, training, and Technological Pedagogical Content Knowledge (TPCK) they need to excel in their classrooms.

We recognize that our work is far from done. The demand for quality STEM education continues to grow, and we are committed to expanding our reach, strengthening our initiatives, and fostering new partnerships to scale our impact.

Message from the Chairperson of the Board of Trustees

As we celebrate our successes, we remain mindful of the challenges ahead. These challenges motivate us to innovate, adapt, and remain steadfast in our mission. With your continued support, we are confident in our ability to navigate these obstacles and deepen our impact in 2025 and beyond.

I extend my heartfelt gratitude to our funders, volunteers, partners, staff, and Trustees. Your belief in our mission fuels our work and sustains our hope for a brighter future.

As we look ahead, I am excited about the opportunities that lie before us. **Together, we can create lasting change and ensure that CASME remains a beacon of hope and transformation in South Africa and beyond.**

Thank you for standing with us and believing in the power of collective action.

With gratitude and best wishes.

Prof Sibusiso Moyo (PhD Maths)

Chairperson of the Board of Trustees

CASME Director's message

It is with a mix of gratitude and solemnity that I present this 2024 annual report. 2024 was one of the most challenging years in our history, marked by significant trials that tested our resilience as an organization. Yet, through it all, our commitment to advancing STEM education and uplifting communities remained steadfast.

One of the most difficult moments came in May, when financial constraints forced us to make the heart-breaking decision to retrench five dedicated staff members. This was not a decision taken lightly, as we recognize the immense contributions of these individuals to CASME. Their passion and commitment will always be valued, and we remain hopeful that opportunities will arise for them in the future.

Adding to our difficulties, we faced the untimely loss of a member of our esteemed Board of Trustees, Mr Sifiso Mncube. His wisdom, leadership, and unwavering support were instrumental in guiding CASME, and his absence leaves a profound void. We extend our deepest sympathies to his family and loved ones.

Compounding to these challenges, we faced a notable decline in funding. The financial pressures on the non-profit sector have been immense, and CASME has not been immune to these difficulties. Reduced funding has necessitated tough decisions regarding our programs and operations, yet we remain committed to finding innovative solutions and new partnerships to sustain and expand our impact.

Despite these hardships, I am incredibly proud of what we have accomplished in the year 2024. Our team's dedication, our funders' generosity, and our STEM educators' unwavering trust have allowed us to continue delivering the vital STEM education programs. We have adapted, re-strategized, and pushed forward, ensuring that CASME remain standing in the sector and provide development opportunities for the many we serve.

Looking ahead, we recognize the need for resilience, innovation, and strengthened collaborations. The road forward will not be easy, but I am confident in our collective ability to navigate these challenges and emerge stronger. To our staff, board members, funders, and supporters—thank you for standing with us in these trying times. Your commitment humbles us and together, we will continue to make a meaningful difference to the lives of our STEM educators and learners.

Mbongiseni Gumede
Director, CASME

Mission and Vision

Mission

To provide quality teacher professional development opportunities for Mathematics and science education in under-resourced and rural schools in South Africa.

Vision

To change learners' lives through quality and innovative Mathematics and science education.

Our Values

Humanity	We add compassion and kindness to our work within the spirit of Ubuntu
Resourcefulness	We aspire to lead in the open sharing of knowledge and expertise
Integrity	We are passionate about our work and we do it with honesty, transparency and scrupulous professionalism
Service Excellence	We provide a service which delivers on our promise
Accountability	We commit to holding each fully accountable for our actions and fulfil our responsibility as should

Tribute to Mr Sifiso Mncube

It is with profound sadness that we reflect on the untimely passing of Mr. Sifiso Mncube, a dedicated member of the Centre for the Advancement of Science and Mathematics Education Trust (CASME) Board of Trustees, in February 2024. Mr. Mncube's unwavering commitment to enhancing STEM education in under-resourced and rural South African schools has left an indelible mark on both educators and learners.

Throughout his tenure on the Board, Mr. Mncube championed initiatives aimed at providing quality professional development opportunities for mathematics and science teachers. His visionary leadership and passion for educational equity were instrumental in shaping CASME's mission to transform lives through innovative STEM education.

As we mourn the loss of Mr. Mncube, we also celebrate his remarkable contributions to education. His spirit will continue to inspire CASME's endeavours, ensuring that his vision for accessible and quality STEM education lives on.

Our thoughts and deepest condolences will forever be with Mr. Mncube's family, friends, and colleagues.

Our Board of Trustees

Prof Sibusiso Moyo
Chair of the CASME Board of Trustees

With an extensive background in higher education and research, Prof Moyo has made significant contributions to the fields of applied mathematics and education leadership. His vision and strategic leadership continue to guide CASME's mission to enhance STEM education in South Africa.

Mr Henre Benson
Deputy Chairperson

Henre is the Strategic Education Advisor for Online and Blended Learning at VVOB Education for Development, where he leverages his expertise to promote equitable access to quality education through innovative teaching and learning methodologies.

Dr Shamrita Bhikha
Board member

An Independent Consultant specializing in Education, Training, and Development. With a wealth of experience in curriculum design and educator training, Dr Bhikha brings valuable insights to the CASME Board, focusing on strategies to improve STEM education for underserved communities.

Prof Magnate Ntombela
Board member

Principal at MANCOSA, he previously served as the Regional Director for KwaZulu-Natal at the University of South Africa. Prof Ntombela's extensive leadership experience in higher education management enriches CASME's strategic direction and governance.

Prof Bheki Khuzwayo
Board member

The Director of the School of Science & Mathematics Education (SSME) in the Faculty of Education at the University of the Western Cape, as a member of the CASME Board of Trustees, Prof Khuzwayo's expertise in science and mathematics education significantly contributes to advancing CASME's mission of improving STEM education outcomes across South Africa.

Marketing & Communications

Enhancing CASME's Brand and Outreach
In 2024, the Marketing and Communications Division played a pivotal role in strengthening CASME's brand visibility, expanding digital engagement, and fostering strategic collaborations. Through innovative campaigns, custom branding efforts, and impactful storytelling, CASME successfully amplified its reach and engagement across multiple platforms.

Custom Branding and Memorabilia
A key focus this year was the development of CASME-branded memorabilia to create a stronger and more recognizable presence at events and engagements. Branded golf shirts, caps, notebooks, rulers, lanyards, and pens were distributed at key events and expos, ensuring CASME remained visible and left a lasting impression. Additionally, a new CASME custom email signature was introduced to enhance professionalism and brand consistency across digital communications. The redesign of marketing materials, including report cover pages, certificate templates, and PowerPoint presentations, further strengthened CASME's visual identity.

Social Media and Campaigns
Social media played a central role in engagement, with campaigns designed to increase interaction and audience reach.

A major highlight was the Women's Month feature, which showcased women in science connected to CASME, increasing visibility and engagement. Closer collaboration with funders such as South32 and Astron Energy allowed for more effective sharing of project-related updates on CASME's social media platforms. These efforts resulted in a 7.1% increase in engagement on Facebook and an 11.1% growth in followers, demonstrating the impact of targeted digital content.

Fundraising and Partnerships
Marketing and communications efforts significantly contributed to CASME's fundraising and donor engagement. The division worked closely with partners such as MAHLE, SHARP, and Team4Tech, developing co-branded campaigns that highlighted CASME's mission and impact. The revival of the Future Fund was a major success, and a key milestone was the donation of 50 SHARP calculators to Fairbreeze School and Nkosibomvu Secondary in oThongathi. This contribution, made in response to the tornado disaster, reinforced CASME's commitment to supporting schools in need and strengthening relationships with funders.

Marketing & Communications

Community Engagement and Outreach
Beyond digital and branding efforts, CASME remained actively involved in social responsibility initiatives. The organization led a successful Nelson Mandela Day clothing drive, donating essential items to Sacred Heart Parish in Tongaat. Additionally, the marketing team supported the promotion of the CASME Resource Centre by developing and distributing posters and flyers, ensuring educators and learners were informed about available learning materials.

Website Overhaul and Digital Expansion
A major achievement in 2024 was the complete overhaul and launch of CASME's new website. The updated platform improved accessibility and usability, providing a seamless experience for educators, funders, and stakeholders. This digital transformation ensures that CASME's resources and initiatives are more easily available to a wider audience.

Science Video Production and Promotion
In 2024, the Marketing and Communications Division played a key role in supporting the development of science education videos in collaboration with the National Education Collaboration Trust (NECT). These videos were created as part of CASME's mission to enhance STEM education accessibility and improve teaching methodologies. The marketing team has been actively involved in the planning and preparation for their release, ensuring that the necessary promotional strategies and outreach efforts are in place to maximize their impact once launched.

A strategic digital outreach plan has been developed to drive engagement with the science videos upon their release in 2025. This includes targeted social media campaigns, promotional teasers, and educator-focused engagement initiatives designed to generate awareness and anticipation. The use of visual storytelling and data-driven content strategies will help ensure that the videos reach educators, learners, and stakeholders effectively, positioning them as valuable resources in science education.

The success of this initiative reflects the increasing role of digital content in CASME's education strategy. Moving forward, the Marketing and Communications team will continue to refine its approach to distribution and engagement, ensuring that these resources reach as many educators and learners as possible, further strengthening CASME's impact in STEM education.

Marketing & Communications

Looking Ahead to 2025

Building on the successes of 2024, the Marketing and Communications team aims to expand digital engagement through more interactive campaigns and educational content. Strengthening relationships with funders remains a priority, with a focus on personalized storytelling and impact-driven reports. The team is also preparing marketing collateral for CASME's upcoming 40th anniversary, ensuring a strong and consistent brand presence for this milestone. Plans are in place to host networking events and workshops, further enhancing CASME's engagement with its partners and community.

Through strategic storytelling, branding, and community-driven initiatives, the Marketing and Communications division remains committed to driving visibility, engagement, and impact for CASME in the years to come.

MERL Unit

2024 Project Data Insights

Teachers

Workshop Participation & Demographics:

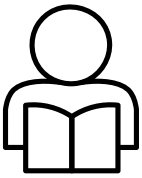
- 231 participants from 137 schools
- 58% male, majority aged 31-40 years
- Highest participation in Term 2 (155 participants)

2 Teacher Assessments:

- 95 teachers participated
- Pre-test: 57.79% → Post-test: 68.91% (Improvement)

Workshop Evaluations:

Positive feedback: Workshops enhanced teaching skills



Learners

Learner Participation & Attendance:

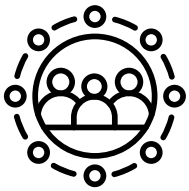
- 6,726 learners from 79 schools
- 268 school visits conducted
- Term 1 highest attendance (4,785 learners)
- Drop in Term 2 (2,213 learners) → Recovery in Term 3 (3,781 learners)

Subject-Specific Insights:

- Highest Participation: Natural Science (4,161 learners), Mathematics (1,689 learners)
- Lower participation in Physical Science & Science Clubs

Learner Performance:

- Average mark: 50.6%
- 26.7% learners at Level 1 (0-29%) → Need for intervention
- Only 6.4% learners at Level 7 (80-100%)



Impact

CASME Projects Impact

- Improved Teacher Competence: Post-test gains
- Enhanced Learner Engagement: Term 1 high attendance, Term 3 recovery
- Addressing Underperformance: High Level 1 learners (26.7%)
- Inclusivity: 19 learners with disabilities, diverse racial representation

MERL Unit

Deliverables

Data Innovators 2025 – Deliverables
Key Components:

- Teacher Pre/Post Test
- Workshop Evaluations & Activity Reports
- School Baseline & Learner Attendance
- Learner Tuition Feedback

Impact Board Training Schedule:

- Mid-February 2025
- CASME Staff focus: Capturing 2025 data effectively

Recommendations

- Investigate Term 2 attendance drop
- Expand efforts to improve learner performance
- Increase focus on Physical Science & Science Clubs
- Scale up teacher workshops for sustained impact
- Implement unique identifiers (Teacher & Learner ID numbers)
- Strengthen tracking & evaluation processes
- Enhance ImpactBoard usability & staff training

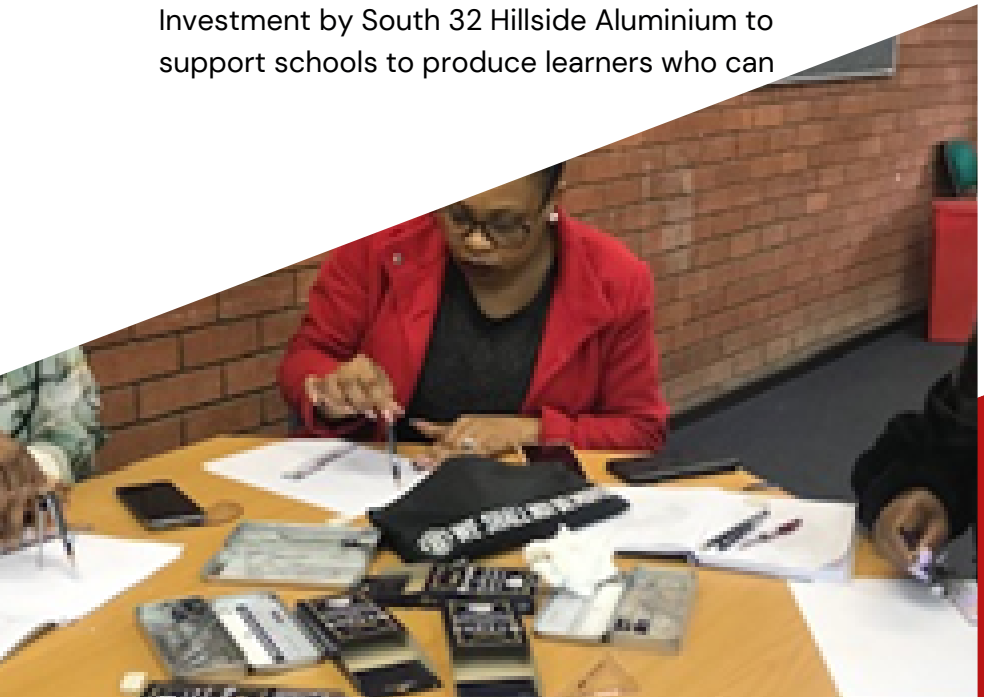
South32 Hillside Aluminium

MATHEMATICS AND SCIENCES TECHER DEVELOPMENT PROJECT

The South 32 Hillside Aluminium Mathematics and Science Teacher Development project is a is rolled out in King Cetshwayo education District in the North East Coast in the province of KwaZulu-Natal. The project is partnership between three main stakeholders;
·South 32 Hillside Aluminium (Funder)
·King Cetshwayo Education District schools (Beneficiaries)
·Centre for Advancement of science and Mathematics Education – CASME (Facilitator)
·University of Zululand Science Centre (Host)

This initiative is a teacher development intervention to support and equip educators teaching Mathematics, Natural and Physical Sciences in grade 8 – 10, to gain confidence in their content and pedagogical knowledge and skills. It is also an endeavour:
·To contribute as part of Corporate Social Investment by South 32 Hillside Aluminium to support schools to produce learners who can get access and exploit opportunities in the Science, Technology, Engineering and Mathematics (STEM) field post schooling era.
·To ensure that the Vision 2030 of National Development Plan is realized "Ensure that ninety percent of learners achieve at least 50% (level 4) in the gateway subjects"

Currently, there are eight participating secondary schools in the project, namely; Amabuye, Amangwe, Isiphephelo, Manqamu, Mgitshwa, Mpephose, Ntongande and Qhamuka. The project had received support from the officials of the department of education, principals of participating schools, teachers and learners.



South32 Hillside Aluminium

MATHEMATICS AND SCIENCES TECHER DEVELOPMENT PROJECT

Project Objectives

The project intended objectives include improvements in:

·Quality and quantity of curriculum coverage of key skills and foundational knowledge

·Access to science education equipment and practical learning experiences

·Learner enrolments in mathematics and science at the Grade 10 level

·Foundational knowledge in mathematics, science and coding/computational thinking

·Performance by learners in mathematics and science at the Grade 8 – 10 level

Project programmes

There are two major programmes or interventions:

·Teacher development programme

·Science Resource Use programme

South32 Hillside Aluminium

MATHEMATICS AND SCIENCES TECHER DEVELOPMENT PROJECT

The Teacher Development Programme

The teacher development programme is focussing on two major areas;
·teacher content and pedagogical knowledge and skills
·in-school based support visits
·departmental heads' curriculum management capacity building initiative

Teacher content and pedagogical knowledge and skills
The following are workshop activities.
o Pre and post Assessment (to assess the extent of the impact)
o Content Delivery (a set of activities that teachers do, problem solve, discuss and make presentations)
o Practical Work (Scientific Inquiry based learning and experiments in Natural and Physical Sciences)
o Use of tools (Mathematics teachers are exposed to programs like graphmatica and geogebra to enhance conceptual understanding and problem solving skills)
o Approach to the workshop (Discuss conceptual understanding and how to introduce concepts to learners, how the particular concept relates to real-life application, misconceptions and problem solving skills)

Departmental heads curriculum management capacity building initiative
The initiative was sparked by the lack evidence of curriculum management practices in schools (monitoring, tracking, reflection, reporting and support for teachers) to deal with curriculum coverage challenges. It is also an endeavour to ensure that the sector goal 18 (Curriculum coverage in school) is realised

South32 Hillside Aluminium

MATHEMATICS AND SCIENCES TECHER DEVELOPMENT PROJECT

In-school based support visit

The following are school based support visit activities

o Classroom based support visit (to prevent workshop to workplace dilemma, co-teaching and to provide necessary support)

o Review of teachers and learners' documents (to assess the extent to which the curriculum is covered, identify and solve curriculum coverage challenges.

o Provide feedback to the teacher and a member of School Management Team (evidence based professional and supportive conversation about the lesson observed)

o Support needed (provide any support needed by the educator)

The Science Resource Use Programme

The science resource use (loaning of scientific resources) is open for all schools to affiliate and loan resources for the duration of the academic year (February to November). Project schools do not pay the affiliation fee since they are part of the project.

South32 Hillside Aluminium

MATHEMATICS AND SCIENCES TECHER DEVELOPMENT PROJECT

Summary of Participating Educators and Learners in 2024

This provides an overview of the total number of Mathematics, Natural Sciences, and Physical Sciences educators, along with the total number of learners enrolled in these subjects across different grades. The data consolidates figures from multiple participating secondary schools to highlight the overall engagement in STEM education for the year 2024.

24
Total Educators (Mathematics)

18
Total Educators (Natural Sciences)

8
Total Educators (Physical Sciences)

1239
Total Mathematics Learners (Grade 8)

1239
Total Natural Sciences Learners (Grade 8)

714
Total Physical Sciences Learners (Grade 10)

1133
Total Mathematics Learners (Grade 9)

1133
Total Natural Sciences Learners (Grade 9)

728
Total Mathematics Learners (Grade 10)

KwaXolo Traditional Council

SCIENCE AND MATHEMATICS INTERVENTION PROGRAMME

Project Objectives:

The project aimed to:

- Improve quality and quantity curriculum coverage of key skills and foundational knowledge in Mathematics, Natural Sciences, and Physical Sciences.
- Improve teacher content knowledge (CK) and pedagogical content knowledge (PCK) through workshops and support visits.
- Promote interest and increase uptake of STEM subjects at Grade 10 level.
- Improve learner performance in Grades 8, 9, and 12.

Project Scope:

- Professional development workshops for teachers.
- School-Based Support Visits (CSV) with a focus on lesson observation, demonstration lessons, and curriculum coverage.
- Establishment and support of STEAM clubs.
- Operation of the STEM Centre, offering resources and community services.
- Organizing learner competitions and awards ceremonies.

KwaXolo Traditional Council

SCIENCE AND MATHEMATICS INTERVENTION PROGRAMME

Key Deliverables

Activity	Details
Teacher Workshops	18 workshops in Mathematics, Natural Sciences, Physical Sciences, and Coding.
School-Based Support Visits (CSVs)	40 visits (Mathematics: 20, Physical Science: 10, STEAM Clubs: 10).
STEAM Clubs Established	9 clubs with 256 learners participating
Practical Science Experiments	863 learners reached.
Learner Competitions	2 competitions with 100% participation from 5 schools
STEM Centre Services	Resources and services provided to 1,360 community members.

Key Statistics

Indicator	Value
Teachers Trained	40
Learners Reached	1.119
STEAM Clubs Established	9
STEAM Club Participants	256
Workshops Conducted	18
School-Based Support Visits	40
Community Members Engaged	1,360181
Awards & Competitions	50 learners recognized
Workshop Attendance Rate	71% average
Pre & Post-Test Improvement	Notable knowledge and skill gains

KwaXolo Traditional Council

SCIENCE AND MATHEMATICS INTERVENTION PROGRAMME

Big Wins

- Successful renovation and operation of the STEM Centre, offering digital learning and career support.
- Strong learner engagement in STEAM Clubs, particularly in TANKS coding activities.
- High level of teacher engagement and positive feedback from workshops.
- Enhanced learner performance in Mathematics, Science, and Problem-Solving competitions.

Challenges

- Limited participation from some schools in competitions and award ceremonies.
- Absence of some key stakeholders at critical events (workshops and stakeholder meetings).

The KwaXolo Science and Mathematics Intervention Program demonstrated significant impact on both teachers and learners, fostering a culture of excellence in STEM education. The project's success is evident in the improved learner outcomes, increased teacher capacity, and positive community engagement through the STEM Centre. With ongoing support and targeted interventions, the program has the potential to create lasting change in the KwaXolo community and beyond.

Ford Philanthropy

Ford Science2Go

This summarised report outlines the activities and achievements of Ford Science2Go (S2G) during the year 2024. In 2024, S2G successfully conducted a total of seven teacher workshops aimed at enhancing educators' skills in natural sciences. Additionally, the organization completed ninety-two school-based support visits focused on natural science (NS) and facilitated forty-one visits for coding clubs.

The supported schools are as follows:

Grade 6 & 7	Workshops were conducted in nine primary schools, supporting 18 teachers and 720 Grade 6 and 7 learners.
Grade 8 & 9	At the secondary level, seven high schools participated, with eight teachers supporting 560 Grade 8 and 9 learners.

Ford Philanthropy

Ford Science2Go

Project Background

The Ford Science2Go (S2G) project aims to address the challenges faced by teachers in the field of science education, particularly the shortage of science laboratories and the lack of essential skills. This initiative focuses on improving teacher competency through hands-on science activities, workshops, and ongoing school-based support

S2G provides hands-on science activities that allow teachers to gain practical experience and confidence in delivering science lessons. These activities are designed to be engaging and relevant, fostering a deeper understanding of scientific concepts.

A crucial aspect of the S2G project is the alignment of provided science activities with the Curriculum Assessment Policy Statement (CAPS) and the Annual Teaching Plan (ATP). This ensures that all activities are relevant and compliant with the prescribed science curriculum, thereby enhancing the effectiveness of the teaching and learning process.

Workshops

A total of 7 workshops were conducted. Attendance in all workshops was generally good, with only one school missing two sessions. Follow-up communication was conducted to address this. Teacher participation in the workshops was impressive. Teachers excellent performance in the post-tests indicated significant enhancement of their knowledge and skills gained inworkshops. The table belowsummarizes the workshopsand engagements that occurred during the workshops.

Ford Philanthropy

Ford Science2Go

Workshop dates	Observations
24/01/2024 25/01/2024	• 26 teachers successful attended the workshop. • Scientific method, Biosphere, and Cell & Microscope were topics successful covered. • The results of the post-test indicate that the teachers gained valuable knowledge.
10/04/2024 11/04/2024	• 30 teachers successful attended the workshop. • Matter and Material, Atoms, Compounds and chemical reactions • The results for post-test indicate that teachers obtained valuable knowledge. • Even though Pre and Post test results for high school are both 100%, The quality for post had significantly improved.
17/07/2024 18/07/2024	• 28 teachers successful attended the workshops. • Energy and change & electric circuit topics were successfully discussed. • The results for post-test indicate that teachers obtained valuable knowledge. • Pre and Post test results for high school are both 100%, The quality for post had significantly improved.

Ford Philanthropy

Ford Science2Go

Science Practicals

Schools received two visits per term to support N.S practical's. These visits focused on helping teachers effectively conduct hands-on science activities, enhancing the practical learning experience for students. The following table summarizea the list of schools visited and the topics discussed.

Grade 6	Workshops were conducted in seven schools, covering Starch Testing, Rate of Reactions, and Electrical Conductivity.
Grade 7	Learners from seven schools explored Acids, Bases & Mixtures, Seed Germination, and Heat Transfer.
Grade 8	Sessions took place in seven schools, focusing on Leaf Starch Testing, Chemical Reactions, and Series & Parallel Circuits.
Grade 9	Learners from seven schools engaged in activities related to Cells & Microscopes, Acids, Bases & Neutralization, and Series & Parallel Circuits.

Other Activities

A coding workshop was also conducted, where teachers from grades 6 to 9 were provided with a diverse range of skills. Additionally, external support visits took place in the Amathole district, benefiting 10 schools. S2G also organised a two-day winter school program at Gobe Commercial School, featuring a science show and practical activities aligned with the curriculum.

Celebrating 40 Years of Impact & Excellence

Celebration

As we step into 2025, it is with immense pride and joy that we celebrate the 40th anniversary of the Centre for the Advancement of Science and Mathematics Education Trust (CASME). Established in 1985 with a vision to transform mathematics and science education, CASME has spent four decades empowering teachers, shaping young minds, and driving excellence in education across communities.

Resilience

This milestone is not just a reflection of our longevity but a testament to the resilience, dedication, and impact of our work. Over the years, we have navigated challenges, adapted to changing educational landscapes, and remained steadfast in our mission to support mathematics and science teacher development. Through innovative programs, strategic partnerships, and unwavering commitment, CASME has touched the lives of countless educators and learners.

Gratitude

Our journey has been made possible by the collective efforts of our passionate staff, board members, partners, and supporters. Each contribution, big or small, has played a role in shaping our legacy and ensuring that quality education reaches those who need it most. As we celebrate this historic occasion, we honour the past, acknowledge the present, and look forward to an even brighter future.

Future

The road ahead is filled with new opportunities for growth, collaboration, and innovation. As we embark on the next chapter, we remain committed to expanding our reach, deepening our impact, and continuing to be a beacon of hope in the education sector.

Thank you to everyone who has been part of this journey. Here's to 40 years of excellence—and to many more years of transforming education!

CASME Strategy Review Session

On May 17, 2024, the CASME Board of Trustees, top management, and key staff members convened at the Premier Hotel in Pinetown for a pivotal strategic planning session. Guided by esteemed strategy expert Ms. Marion Stewart, the team conducted a comprehensive review of CASME's current strategy, fostering insightful discussions and forward-thinking solutions. This transformative session culminated in the development of a bold and visionary three-year roadmap, reinforcing CASME's commitment to excellence, impact, and innovation in education. With renewed focus and strategic direction, CASME is poised to drive meaningful change and empower future generations.

Strategic Visioning Session

Innovative Roadmap Development

Insightful Leadership Dialogue

Future-Focused Planning

Conclusion: Together, We Build a Brighter Future

Gratitude

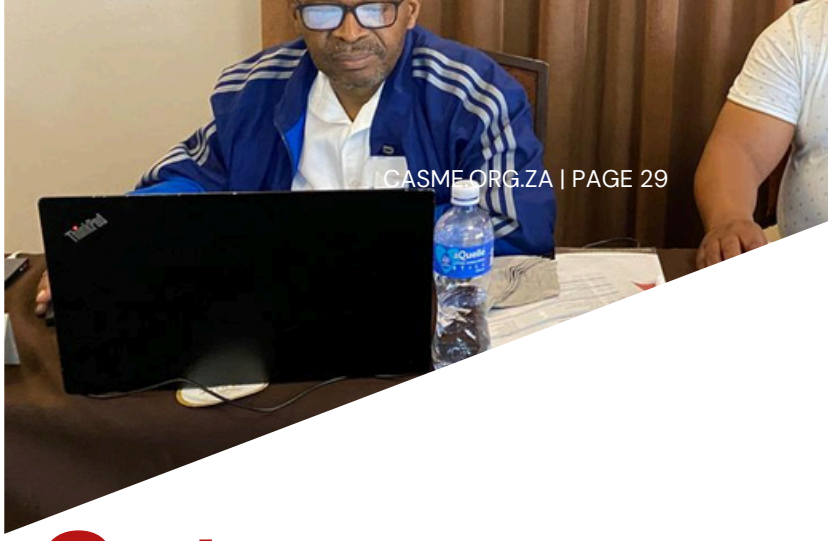
Having looked back on this year's journey, one thing is clear: none of our accomplishments would have been possible without the unwavering support of our community. Every success story, every milestone, and every moment of impact is a testament to the power of collaboration and shared purpose.

Impact

Through your generosity and dedication, we have been able to transform learners' lives, empower STEM educators, and brought hope to those who needed it most. While we celebrate the progress we've made together, we know that our mission is far from complete. The challenges we face in the teaching and learning of STEM subjects are real, but so too is our determination to overcome them.

Future

Looking ahead, we are filled with optimism and resolve. With your continued support, we can expand our reach, deepen our impact, and create sustainable solutions that bring us closer to achieving our vision of changing learners' lives through quality and innovative Mathematics and science education. We invite you to stay connected, get involved, and continue to be a part of this transformative journey.



Get Involved

Donate

- Your contributions fuel our programs and bring critical resources to those in need. Visit casme.org.za to make a one-time or recurring gift.

Volunteer

- Share your time and talents to help us drive our mission forward. Learn about opportunities at www.casme.org.za

Advocate

- Help spread the word about our work by sharing our stories on social media or talking about our mission within your community.

Partner with Us

- Partner with Us: Join forces with us as a corporate or community partner to amplify our efforts. Reach out to www.casme.org.za to learn more.

On behalf of everyone at CASME thank you for being a vital part of our journey. Together, we are not just imagining a better future—we are building it. Let's keep moving forward, hand in hand, towards a brighter tomorrow.

With gratitude and hope...

Contact Us

casme.org.za

info@casme.org.za

+27 31 826 2508

Follow Us