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THINK SMART, MOVE SMART

To Mr./Mrs./Dr.,

A STEM PROGRAM PROPOSAL (ROBOTICS).

BMG (Brave Mission for Growth) is a forward-thinking educational company dedicated to nurturing young minds through comprehensive STEM (Science, Technology, Engineering, and Mathematics) and Abacus training programs. Our mission is to inspire, educate, and empower the next generation of thinkers, problem-solvers, and innovators — starting as early as age 4 and extending into young adulthood.

We propose a strategic partnership designed to harness our educational expertise and deliver impactful learning experiences that cultivate critical thinking, creativity, and confidence in children and youth. Through interactive, hands-on methodologies and a passion for innovation, BMG aims to shape tomorrow's leaders, engineers, and innovators today.

STEM **is** an acronym **for** *Mathematics, Science, Technology, and Engineering*. The arts are added to the mix by the **"A"** in **STEAM**. STEM and STEAM programs are a mindset that connects different subjects and makes sure students are ready to succeed in a world where technology is advancing daily, rather than merely imparting knowledge. Through a focus on integrated learning experiences, students gain transferable abilities that are highly valued in a digitally savvy workforce: innovative approaches to tackling problems, cooperative teamwork, and experimental methods.

Modern education now includes STEM (science, technology, engineering, and math) alongside traditional subjects like reading, writing, and math. Montessori methods meet these educational needs by integrating STEM and STEAM (STEM with arts) into the curriculum. This approach helps nurture a child's love of learning and prepares them for success in all areas of life.

STEM Principles and Goals:

STEM education aims to equip students with the skills and knowledge to navigate a rapidly developing technological landscape. By focusing on critical skills and real-world applications, STEM prepares students to meet future challenges and seize emerging opportunities.

Core Principles of STEM

The core principles of STEM are: **Interdisciplinary Learning**, **Inquiry-Based Learning**, **Critical Thinking**, **Collaboration and Teamwork**, and **Real-World Applications.**

STEM education highlights the connections between science, technology, engineering, and mathematics. Instead of treating these subjects separately, STEM integrates them to show how they interrelate and apply

to real-world scenarios. **This method helps students see how different areas of knowledge can combine to address complex challenges.**

Goals of STEM Education

The goals of STEM Education are:

Developing Essential Skills

STEM education aims to cultivate key **analytical thinking, creativity, and innovation skills**. These skills are crucial for success in various fields and for addressing future challenges.

Future Careers Preparation

STEM prepares students for careers in various industries, including engineering, technology, healthcare, and scientific research. By providing a firm foundation in these areas, STEM education opens doors to many professional opportunities.

Encouraging Lifelong Learning

STEM fosters a mindset of curiosity and continuous learning. Students learn to embrace new technologies and adapt to changes, preparing them for lifelong learning and growth.

Promoting Equity and Inclusion

STEM education involves a wide range of students and addresses gaps in access and opportunities. By fostering involvement from underrepresented groups, STEM aims to build a more inclusive and fairer workforce.

Driving Innovation

STEM education contributes to innovation and technological advancement by emphasizing creativity and problem-solving. Students are encouraged to think outside the box and develop new solutions that can drive progress and address global challenges.

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In summary, STEM education integrates science, technology, engineering, and mathematics to provide a comprehensive learning experience that prepares students for future careers, develops essential skills, and fosters a lifelong passion for learning.

Significance of STEM in Early Childhood: Coding, Robotics, And Artificial Intelligence(AI)

STEM areas are interconnected, making a cross-curricular approach essential for effective learning. Instead of teaching subjects in isolation, integrating disciplines helps children see connections and fosters a lifelong learning mindset.

When STEM activities relate to children's daily experiences, they become more motivated and engaged. Children's natural curiosity drives them to explore and understand their world, laying the groundwork for future education and equipping them for an innovative, creative future.

Addressing real-world issues through STEM encourages the development of crucial 21st-century skills, such as

- Critical thinking
- Problem-solving
- Innovation
- Creativity
- Information and media literacy
- Communication
- Collaboration
- Self-directed learning

We invite [Client/Partner Name] to partner with BMG to bring the power of Abacus training to your learners. Together, we can nurture smarter, sharper, and more confident children, ready to take on academic and life challenges with speed and precision.

Let's build minds that move smart!

❖ NB: A DISCOUNT WILL BE GIVEN TO THE SCHOOL BASED ON THE NUMBER OF LEARNERS.

FEES STRUCTURE:

Registration/Material fee: GH¢100 per learner

2. Tuition fee per term (based on learner population):

A discount will be given to the school.

500+ Learners: GH¢50 per child

Between 300-400 Learners GH¢70 per child

Between 200-300 Learners: GH¢80 per child

Between 100-200 Learners: GH¢100 per child

Between 50-100 Learners: GH¢150 per child

Below 50 Learners: GH¢200 per child

We look forward to a healthy working relationship

Thank You

Yours faithfully,

Hilda Karroum   Coordinator

                                        Mr. Gideon Boni

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