BMG (Brave Mission for Growth)

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THINK SMART, MOVE SMART

To Mr./Mrs./Dr.,

PROPOSAL FOR BOTH ABACUS AND STEM(ROBOTICS).

BMG (Brave Mission for Growth) is an innovative 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**.

We propose a strategic partnership to harness our educational expertise and deliver impactful learning experiences that cultivate critical thinking, creativity, and confidence in children and youth through integrated STEM and Abacus training.

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.

Importance of STEM and Abacus Education

Core Principles

Both STEM and Abacus education emphasize:

- Interdisciplinary Learning: Connecting subjects to show their interrelationships.
- Inquiry-Based Learning: Encouraging exploration and questioning.
- Critical Thinking and Collaboration: Developing analytical skills and teamwork.
- Real-World Applications: Linking learning to real-life scenarios.

Goals of STEM and Abacus Education

1. Develop Essential Skills: Cultivate analytical thinking, creativity, and innovation.

2. Future Careers Preparation: Open doors to careers in engineering, technology, and mathematics.
3. Encourage Lifelong Learning: Foster curiosity and adaptability.
4. Promote Equity and Inclusion: Address gaps in access and opportunities.
5. Drive Innovation: Encourage creative problem-solving to tackle global challenges.

Significance of Early Childhood Education in STEM and Abacus

Integrating STEM and Abacus training in early childhood education nurtures critical 21st-century skills, such as:

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

By engaging children in both robotics and mental arithmetic through the Abacus, we motivate them to explore technology and develop foundational skills essential for their future.

Proposal for Integrated STEM and Abacus Program

Objectives

1. Hands-On Learning: Provide interactive experiences that engage students in building, programming robots, and mastering mental arithmetic.
2. Skill Development: Foster skills in coding, engineering principles, and mental calculation.
3. Real-World Application: Connect projects to real-world problems and mathematical concepts, enhancing relevance and engagement.

Program Structure

1. Workshops: Interactive sessions where students design, build, and program robots, along with Abacus training.
2. Competitions: Opportunities for students to showcase their skills in friendly robotics and mental math competitions.
3. Collaborative Projects: Team-based projects that enhance communication, cooperation, and problem-solving abilities.

Expected Outcomes

- Improved problem-solving and critical thinking abilities.

- Enhanced interest and performance in STEM subjects and mathematics.
- Development of teamwork and communication skills.
- Increased confidence in technology and mathematical concepts.

Call to Action

We invite all parents and schools to partner with BMG to bring the power of integrated STEM and Abacus training to young learners. Together, we can nurture smarter, sharper, and more confident children ready to tackle academic and life challenges with speed and precision.

"Let's build minds that move smart!"

A discount will be given to the school based on the number of learners.

FEES STRUCTURE FOR STEM(ROBOTICS):
Registration/Material fee: GH¢95 per learner
2. Tuition fee per term (based on learner population):
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

FEES STRUCTURE FOR ABACUS:
Registration/Material fee: GH¢100 per learner
2. Tuition fee per term (based on learner population):
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

FEES STRUCTURE FOR BOTH STEM(ROBOTICS) AND ABACUS:
Registration/Material fee: GH¢180 per learner
2. Tuition fee per term (based on learner population):
500+ Learners: GH¢45 per child
Between 300-400 Learners GH¢70.00 per child
Between 200-300 Learners: GH¢80.00 per child
Between 100-200 Learners: GH¢100.00 per child
Between 50-100 Learners: GH¢150.00 per child
Below 50 Learners: GH¢200.00 per child

We look forward to a healthy working relationship.

Thank You
Yours faithfully,

Hilda Karroum Coordinator

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